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USAFETAC/DS--93/031-1



STATION CLIMATIC SUMMARIES

NORTH AMERICA

VOLUME 1

THE CONTIGUOUS UNITED STATES



FEBRUARY 1993

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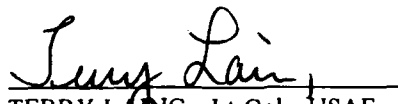


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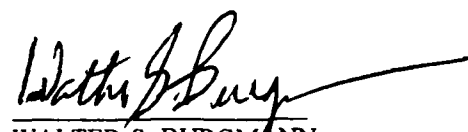
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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-93/031-1, *Station Climatic Summaries, North America, Volume 1, The Contiguous United States*, February 1993, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).


TERRY LANG, Lt Col, USAF
Chief of Operations

FOR THE COMMANDER


WALTER S. BURGMANN
Scientific and Technical Information
Program Manager
28 February 1993

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13. Abstract: A collection of summarized monthly and annual climatic data for specific locations in North America; last entry in this collection: October 1992. Summarized climatological elements are: percent frequency of occurrence of ceiling and visibility; means, extremes and number of days with specified values of temperature, precipitation, and snowfall; means of relative humidity, vapor pressure, dew point, pressure altitude, and cloud cover; prevailing wind direction, with mean and extreme speeds; and number of days with thunderstorms and fog.
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STATION CLIMATIC SUMMARIES

The "Station Climatic Summary" series is compiled and published by the USAF Environmental Technical Applications Center (USAFETAC). The series comprises regional collections of short climatological data summaries for specific stations worldwide. Formats have evolved over the years and as the collections grow larger there is more variety in the way the data is presented. For example, a typical dataset for a given station might include the "AWS Climatic Brief" and an addendum. An "Operational Climatic Data Summary" (or OCDS) might constitute another dataset for certain stations. A two-page "OCDS Supplement" may supplement an AWS Climatic Brief. There may be combinations of all of these. The two main data types are described below:

AWS Climatic Brief: A computer-prepared summary of monthly and annual climatic data for an individual station. If there are shortfalls or limitations in the station's database, the brief will be labeled as "limited," with the reasons included in remarks. Some older briefs are accompanied by an "Addendum." USAFETAC's Operating Location A at Asheville, NC, creates a new climatic brief whenever it prepares a new Surface Observations Climatic Summary (SOCS--formerly RUSSWO, Revised Uniform Summary of Surface Observations) or updates an existing one. A new SOCS is prepared whenever an initial 5-year period of record becomes available. Existing SOCS/RUSSWOs are updated whenever 5 additional years of data are added to the original database. For a brief period in 1988, AWS Climatic Briefs were produced manually, using data provided by OL-A. These products spanned the breach between the older AWS Climatic Brief and the fully automated version now being produced as a part of each SOCS.

Operational Climatic Data Summary: A four-page typewritten summary of monthly and annual climatic data prepared by USAFETAC/DOC when the creation of a standard climatic brief is impractical because of lack of data (period of record too short for SOCS creation, no "summary of day" data available) or to answer a short-notice request. DOC normally uses the latest 10-year period of record (hourly data), more if available. These data are supplemented from other sources such as earlier periods of record, data from contemporary and/or earlier stations, and published data from other sources. All sources are given in the legend. A two-page "Operational Climatic Data Summary Supplement" may follow either of the two preceding data types. OCDSs are not routinely updated.

Which Product to Use? Normally, only one of the two products described above is prepared for a given station; however, when a station has both an "AWS Climatic Brief" and an "Operational Climatic Data Summary," users should decide (from data source and POR) which is the better product for a particular application.

Data Included. The datasets described above normally include monthly and annual climatic data for at least the following elements: Temperature (means and extremes, daily and monthly); relative humidity, vapor pressure, and dew point; pressure altitude, surface winds, precipitation, and mean cloud cover; thunderstorm and fog occurrence (mean number of days); and flying weather by ceiling and visibility categories.

Questions or Comments: Contact USAFETAC/DOC, Scott AFB, IL 62225-5116, DSN 576-3158.

USAFETAC/DS-XX/033	Europe
USAFETAC/DS-XX/034	Africa
USAFETAC/DS-XX/035	Asia

USAFETAC/DS-XX/037 USSR, Mongolia, and China*
USAFETAC/DS-XX/038 Antarctica, Australia, and Oceania

*USAFETAC/DS-XX/036, China, was merged with USAFETAC/DS-XX/037 in 1990.



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OPERATIONAL CLIMATIC DATA SUMMARY

STATION: Anniston, AL
LOCATION: 33°35'N, 85°51'W
PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 722287
ELEVATION: (FEET) 607
PERIOD: 7301-8612

ICAO: ANB
LST = GMT - 6

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	77	84	88	92	94	100	106	104	99	92	88	78	106
MEAN DAILY MAX	1	52	58	68	75	82	88	90	89	83	75	66	56	74
MEAN	1	41	45	55	62	69	76	79	78	72	62	54	45	62
MEAN DAILY MIN	1	32	35	44	50	58	66	69	69	63	51	44	35	51
EXTREME MIN	1	-4	12	12	26	38	46	48	56	41	26	15	4	-4
# DAYS GE 90	1	0	0	0	#	3	13	21	17	6	#	0	0	61
# DAYS LE 32	1	16	12	4	1	0	0	0	0	0	1	6	13	54
# DAYS LE 0	1	#	0	0	0	0	0	0	0	0	0	0	0	#
2. PRECIPITATION (INCHES)														
MAXIMUM	2	12.7	15.9	18.1	17.3	8.6	9.3	13.0	12.7	9.0	6.3	15.1	12.2	69.9
MEAN	2	5.0	4.9	6.1	5.2	4.1	3.8	4.6	3.8	3.8	2.6	3.7	4.8	51.7
MINIMUM	2	0.9	1.2	1.4	0.2	0.9	0.4	0.8	0.3	0.3	0	0.6	0.7	27.9
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.01	2	14	12	13	11	11	11	14	11	10	8	11	14	139
# DAYS GE 0.5	2	4	3	4	4	3	3	3	2	3	2	3	4	36
3. SNOWFALL (INCHES)														
MEAN	2	0.4	0.3	#	0	0	0	0	0	0	0	#	0.2	0.9
MAXIMUM	2	3.5	4	0.8	0	0	0	0	0	0	0	0.8	6	6.3
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.5	2	#	#	#	0	0	0	0	0	0	0	#	#	1
# DAYS GE 1.0	2	#	#	0	0	0	0	0	0	0	0	0	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("HG) / DEWPOINT (°F)														
RH (15 LST)	1	57	50	48	44	53	51	55	55	55	50	52	55	52
RH (05 LST)	1	81	81	82	84	90	92	93	93	91	90	87	83	87
VAPOR PRESS	1	.21	.23	.30	.37	.53	.67	.76	.74	.62	.43	.33	.24	.45
DEWPOINT	1	32	34	42	49	59	66	70	69	64	52	44	36	51
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$ENE	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E
MEAN SPEED														
(PVLG DRCTN)	1	8	7	7	6	6	6	6	6	6	7	6	7	7
MEAN SPEED														
(ALL OBS)	1	6	6	6	6	5	4	4	4	5	5	6	6	5
MAX (PK GST)	1	55	45	45	51	48	44	47	45	45	37	46	40	55
PRESSURE ALT	1	1340	1050	1380	1090	1200	850	700	700	1000	1090	1190	990	1380
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG														
CLD COVER	1	5	5	5	4	4	4	4	4	4	4	4	5	4
DAYS TSTMS	1	1	2	4	5	7	8	11	10	4	1	2	1	56
DAYS FOG LT 7	1	16	13	14	11	17	16	22	22	20	17	15	13	196
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2. US WEST OPTICAL PUBLISHING, TD 3200 SUMMARY OF DAY POR 4806-8612
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	24	18	10	9	6	11	12	13	13	21	25	16
03-05 LST	33	24	19	12	10	6	14	14	15	14	23	25	18
06-08 LST	35	28	22	15	17	12	20	21	23	19	26	30	22
09-11 LST	41	32	30	20	28	22	32	36	35	29	30	36	31
12-14 LST	42	37	33	24	32	29	44	46	41	33	37	38	36
15-17 LST	40	36	33	22	26	23	33	33	32	28	35	36	31
18-20 LST	35	30	28	21	24	24	29	28	28	23	30	31	28
21-23 LST	31	25	22	12	13	11	18	16	16	15	23	25	19
ALL HOURS	36	29	26	17	20	17	25	26	25	22	28	31	25

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	15	10	5	3	2	6	6	8	7	14	16	9
03-05 LST	24	14	10	7	6	4	10	10	11	9	14	16	11
06-08 LST	26	17	13	9	11	9	17	19	19	14	16	19	16
09-11 LST	32	21	20	13	21	19	30	33	30	23	22	23	24
12-14 LST	32	27	22	18	28	26	41	43	37	28	26	28	30
15-17 LST	31	28	21	14	18	14	25	24	24	23	25	24	23
18-20 LST	25	19	13	8	7	6	11	9	11	13	19	18	13
21-23 LST	22	15	10	5	4	3	7	4	7	9	15	15	10
ALL HOURS	27	19	15	10	12	10	18	19	18	16	19	20	17

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	10	6	4	2	1	2	2	5	5	8	11	6
03-05 LST	17	9	5	4	2	1	3	3	5	4	9	11	6
06-08 LST	19	12	7	5	4	3	9	7	10	8	11	13	9
09-11 LST	22	15	12	7	11	10	18	19	18	14	15	15	15
12-14 LST	22	19	14	11	19	18	29	30	25	20	20	18	20
15-17 LST	23	19	13	7	9	7	12	11	13	15	17	17	14
18-20 LST	19	13	8	4	3	1	4	2	5	8	12	13	8
21-23 LST	15	11	7	3	2	1	2	1	3	5	10	10	6
ALL HOURS	19	13	9	6	6	5	10	9	11	10	13	13	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	0	#	#	#	#	0	#	#	#
03-05 LST	3	1	#	#	0	0	0	#	#	#	#	1	#
06-08 LST	4	1	1	1	#	1	1	1	2	2	1	2	1
09-11 LST	6	2	2	2	3	3	5	5	5	5	3	3	4
12-14 LST	6	3	1	2	4	3	5	8	5	5	5	4	4
15-17 LST	3	2	1	#	#	#	#	#	0	1	1	2	1
18-20 LST	1	#	0	#	#	0	0	0	#	0	#	#	#
21-23 LST	1	#	#	#	0	0	#	#	#	#	0	#	#
ALL HOURS	3	1	1	1	1	1	1	2	2	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: Anniston, AL
 LOCATION: 33°35'N, 85°51'W
 PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 722287
 ELEVATION: (FEET) 607
 PERIOD: 7301-8612

ICAO: ANB
 LST = GMT - 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	2	2	4	6	7	3	1	#	#	2
03-05 LST	#	1	1	2	2	2	3	3	1	#	0	1	1
06-08 LST	#	#	2	2	2	1	1	#	1	#	#	#	1
09-11 LST	#	1	3	2	2	1	#	#	#	0	1	#	1
12-14 LST	#	#	1	1	2	1	1	#	#	#	0	1	1
15-17 LST	#	#	1	1	1	1	1	#	#	#	#	#	1
18-20 LST	#	#	1	1	2	2	3	3	1	#	#	#	1
21-23 LST	#	1	1	2	4	4	7	6	3	#	0	#	2
ALL HOURS	#	#	1	2	2	2	3	3	1	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	8	9	5	5	3	4	5	7	5	7	7	6
03-05 LST	11	9	8	6	5	4	4	5	6	4	8	7	6
06-08 LST	10	8	9	7	5	2	4	2	4	5	8	9	6
09-11 LST	9	7	10	7	5	2	3	2	5	6	7	10	6
12-14 LST	9	11	9	7	7	3	3	2	6	7	9	11	7
15-17 LST	10	9	9	7	6	3	3	2	5	6	8	9	6
18-20 LST	10	8	7	6	6	3	5	4	6	4	6	8	6
21-23 LST	11	8	9	6	5	4	6	5	5	5	7	7	7
ALL HOURS	10	8	9	6	5	3	4	3	5	5	7	9	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	0	0	#	0	#	0	0	0	#	#
03-05 LST	1	1	0	0	0	0	0	0	0	0	0	#	#
06-08 LST	1	1	#	0	0	0	0	0	0	0	0	#	#
09-11 LST	1	2	#	0	0	0	0	0	0	0	#	#	#
12-14 LST	1	1	#	0	0	0	0	0	0	0	#	#	#
15-17 LST	2	2	1	0	0	0	0	0	0	#	0	1	#
18-20 LST	2	1	#	0	0	0	0	0	0	0	0	#	#
21-23 LST	1	#	#	0	0	0	0	0	0	0	0	#	#
ALL HOURS	1	1	#	0	0	#	0	#	0	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	0	0	#	#	#	#	#	0	#	#
03-05 LST	1	1	#	#	#	0	#	#	#	0	#	#	#
06-08 LST	#	#	#	#	#	0	#	0	#	0	#	#	#
09-11 LST	1	#	#	#	#	0	#	0	#	#	#	#	#
12-14 LST	1	1	1	#	#	#	#	#	0	#	#	#	#
15-17 LST	1	1	1	1	#	#	#	#	#	#	#	1	1
18-20 LST	1	2	3	2	#	#	#	#	1	#	#	2	1
21-23 LST	2	2	3	2	1	#	#	#	#	#	#	1	1
ALL HOURS	1	1	1	1	#	#	#	#	#	#	#	1	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
2.
3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	9	4	3	1	1	1	2	3	3	6	9	5
03-05 LST	15	8	4	3	2	1	2	3	3	3	7	9	5
06-08 LST	17	10	5	4	3	3	7	7	8	7	9	11	8
09-11 LST	20	13	9	6	9	8	16	18	15	12	11	13	12
12-14 LST	20	14	10	8	17	14	26	27	21	17	16	15	17
15-17 LST	19	14	9	4	6	3	7	6	9	11	12	14	9
18-20 LST	15	9	5	3	2	1	3	1	4	5	7	9	5
21-23 LST	13	8	5	2	1	1	1	1	3	4	7	8	5
ALL HOURS	16	11	6	4	5	4	8	8	8	8	9	11	8

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	2	1	3	#	1	1	1	1	2	3	2
03-05 LST	8	4	2	1	1	#	#	1	1	1	3	4	2
06-08 LST	10	6	2	3	2	1	3	4	5	4	4	7	4
09-11 LST	13	7	5	5	6	5	9	11	11	9	6	7	8
12-14 LST	13	9	5	5	9	8	17	19	14	10	10	9	11
15-17 LST	12	7	4	2	2	1	3	3	4	5	6	7	5
18-20 LST	8	4	2	1	1	0	1	1	1	1	3	5	2
21-23 LST	8	3	2	1	1	#	1	#	1	1	3	4	2
ALL HOURS	10	5	3	2	3	2	4	5	5	4	5	6	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	1	0	0	#	#	#	#	#	1	1	1
03-05 LST	5	2	1	#	#	#	#	#	1	#	0	2	1
06-08 LST	6	4	2	1	1	1	2	2	4	3	2	5	3
09-11 LST	10	5	2	3	4	4	6	8	9	7	4	5	5
12-14 LST	9	6	2	4	5	5	10	13	9	7	7	6	7
15-17 LST	7	4	2	1	#	#	#	1	1	2	3	3	2
18-20 LST	3	1	#	#	1	#	#	#	#	#	1	1	1
21-23 LST	3	1	1	#	#	#	#	#	#	#	1	2	1
ALL HOURS	6	3	1	1	1	1	2	3	3	2	2	3	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	0	0	3	3	#	0	#	#	#
03-05 LST	1	#	#	0	0	0	0	#	0	0	#	#	#
06-08 LST	3	1	#	#	#	#	1	1	1	1	0	1	1
09-11 LST	4	2	1	2	2	2	3	3	4	3	1	2	3
12-14 LST	4	2	1	2	3	3	3	6	3	3	3	3	3
15-17 LST	2	1	#	#	0	0	#	#	#	#	1	1	1
18-20 LST	#	0	0	#	#	0	0	0	#	0	0	0	#
21-23 LST	#	0	0	#	0	0	0	#	#	0	0	#	#
ALL HOURS	2	1	#	1	1	1	1	1	1	1	1	1	1

PREPARED BY		STATION NAME		PERIOD		STN LTR:	
USAFETAC		FT RUCKER AIN AL		NOV 54-DEC 83		8024	
NAT 1985		LOCATION N31 14 W085 43		ELEV 296 FT		NEC NO: 722269	
AWS CLIMATIC BRIEF							
TEMPERATURE (°F)		PRECIPITATION (IN)		SHOWFALL (IN)		MEAN NUMBER OF DAYS OCCURRENCE OF:	
MEAN		MONTHLY		MONTHLY		PRECIP (IN)	
MAX MIN		MAX MIN		MAX MIN		SHOWFALL (IN)	
JAN 58 39		JAN 4.7		JAN 0.0		JAN 10 3	
FEB 62 41		FEB 5.6		FEB 1.1		FEB 10 3	
MAR 69 58		MAR 5.8		MAR 1.1		MAR 10 3	
APR 78 56		APR 4.8		APR 1.5		APR 10 3	
MAY 84 63		MAY 4.1		MAY 1.1		MAY 10 3	
JUN 89 69		JUN 4.5		JUN 1.1		JUN 10 3	
JUL 90 72		JUL 4.9		JUL 1.7		JUL 10 3	
AUG 90 72		AUG 4.2		AUG 1.0		AUG 10 3	
SEP 81 68		SEP 4.5		SEP 1.1		SEP 10 3	
OCT 78 56		OCT 2.8		OCT 1.0		OCT 10 3	
NOV 69 47		NOV 3.2		NOV 1.1		NOV 10 3	
DEC 62 51		DEC 4.8		DEC 1.1		DEC 10 3	
ANN 74 56		ANN 4.5		ANN 1.1		ANN 10 3	
EVR 29 29		EVR 29 29		EVR 29 29		EVR 29 29	
REMARKS: RUSSWO POR: NUMBER OBSERVED WITHIN: A/B MAY JUN JUL AUG SEP OCT NOV DEC ANN							
HOURLY OBS: JAN 74 - DEC 83 (1900-1982) 60NM 0/0 0/4 0/0 0/4 0/4 0/1 0/13							
SUMMARY OF DAY DATA: NOV 54 - DEC 83 (A) Hurricanes 120NM 0/1 1/6 1/3 3/5 5/11 1/1 11/27							
(B) Tropical Storms 240NM 0/3 3/13 2/8 9/21 13/26 3/15 30/86							
NOTE: * DATA NOT AVAILABLE ** AMTS < UNITS SHOWN IN HEADING *** INSTANTANEOUS PEAK WINDS % CALM GTR % PVE OCTN % DAMAGED < FULL MONTH							
CAY FREQ (%)		HRS LST		JAN		FEB	
00-02		34		25		30	
03-05		40		31		36	
06-08		44		33		39	
09-11		37		26		27	
12-14		27		20		19	
15-17		20		17		14	
18-20		21		20		16	
21-23		25		23		21	
ALL HRS		31		24		25	
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI		00-02		29		20	
03-05		33		23		31	
06-08		37		25		33	
09-11		29		19		17	
12-14		16		12		8	
15-17		13		12		6	
18-20		14		14		9	
21-23		19		17		16	
ALL HRS		24		17		16	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI		00-02		25		18	
03-05		28		19		25	
06-08		33		20		25	
09-11		23		13		11	
12-14		11		9		5	
15-17		9		8		4	
18-20		11		7		3	
21-23		15		13		12	
ALL HRS		19		13		14	
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 MI		00-02		9		3	
03-05		12		5		6	
06-08		11		5		8	
09-11		3		1		8	
12-14		1		0		8	
15-17		1		8		0	
18-20		2		1		8	
21-23		3		2		1	
ALL HRS		5		2		2	

A W S		STATION NAME: MAXWELL AFB AL											FIELD ELEV: 168 FT		
CLIMATIC BRIEF (LIMITED)		LATITUDE/LONGITUDE: 32 23 N 086 22 W											STATION MSC: 722265		
		HOURLY OBS POR: SEP 79 - AUG 89											CALL SIGN: KMXF		
		SUMMARY OF DAY POR: 3510-3608, 3701-7203, 8508-8908 (FULL TIME), 7204-8507 (PART TIME)													
		HOURS SUMMARIZED: 00-23 LST (EXCEPT 06-23 LST 7204-8507)													
FEB 90		LST TO UTC: +06											SUPERSEDES: SEP 82		
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)		82	85	88	93	98	104	105	103	101	96	88	84	105	54
MEAN MAX TEMP (F)		57	61	68	77	84	90	91	91	86	78	67	59	76	54
MEAN TEMP (F)		48	51	58	66	74	80	82	82	77	67	56	50	66	54
MEAN MIN TEMP (F)		38	41	48	55	63	70	73	72	68	56	46	40	56	54
EXTRM MIN TEMP (F)		3	12	20	30	43	50	61	60	42	32	14	7	3	54
D/W TEMP GE 95 (F)		0	0	0	0	1	6	8	6	2	#	0	0	23	54
D/W TEMP GE 90 (F)		0	0	0	1	7	18	21	21	11	1	0	0	80	54
D/W TEMP LT 33 (F)		10	6	1	#	0	0	0	0	0	#	3	8	28	54
D/W TEMP LT 20 (F)		1	1	0	0	0	0	0	0	0	0	#	1	3	54
HEATING DEGREE DAYS		514	378	245	62	6	0	0	0	2	54	265	464	1990	39
COOLING DEGREE DAYS		7	11	37	115	308	483	553	541	384	135	23	7	2604	39
MEAN DEWPOINT TEMP (F)		34	38	44	50	60	68	71	71	65	54	48	3	54	10
MEAN WET BULB TEMP (F)		41	45	52	57	65	72	75	74	69	60	54	46	59	10
99.95% WCPA (FT)		450	650	650	550	400	400	300	350	400	400	500	450	500	10
MEAN REL HUM 07 LST(%)		76.0	77.3	76.3	75.8	77.6	79.4	81.6	83.3	80.0	80.5	80.1	76.2	78.7	10
MEAN REL HUM 13 LST(%)		53.5	53.1	48.5	46.3	50.1	52.6	57.0	56.2	52.5	49.5	52.6	53.5	52.1	10
MAX 24HR PRECIP (IN)		3.33	5.09	6.00	4.34	4.00	6.28	4.68	5.60	5.39	3.30	5.85	3.61	6.28	44
MAX PRECIP (IN)		11.60	9.02	14.04	11.23	12.88	11.77	10.73	15.39	10.36	8.27	19.34	10.12	85.86	44
MEAN PRECIP (IN)		4.54	4.86	5.99	4.47	3.96	4.24	5.50	4.05	4.01	1.99	3.85	5.37	52.97	44
MIN PRECIP (IN)		.85	1.59	1.60	.27	.47	.50	1.65	.95	.13	.02	.13	.89	30.16	44
D/W PRECIP GE .01 (IN)		11	10	10	8	9	9	12	9	8	5	8	10	109	44
D/W PRECIP GT .50 (IN)		3	3	4	3	3	3	3	3	2	1	3	4	35	44
MAX 24HR SNFL (IN)		3.0	1.5	#	1.0	0	0	0	0	0	0	#	1.0	3.0	54
MAX SNFL (IN)		5.9	1.5	#	1.0	0	0	0	0	0	0	#	1.0	5.9	54
MEAN SNFL (IN)		.1	#	#	#	0	0	0	0	0	0	#	#	.1	54
D/W SNFL GE .1 (IN)		1	#	0	#	0	0	0	0	0	0	0	#	1	54
D/W SNFL GE 1.5 (IN)		#	#	0	0	0	0	0	0	0	0	0	0	#	54
MAX DLY SNO DEPTH (IN)		3	#	#	1	0	0	0	0	0	0	0	1	3	54
PRVLNG WND DIR (DEG)		\$32-34	\$32-34	\$32-34	\$26-28	\$17-19	\$20-22	\$23-25	\$08-10	\$05-07	\$02-04	\$02-04	\$35-01	\$02-04	10
MEAN WND SPD (KTS)		4	5	5	4	4	3	3	3	3	3	4	4	4	10
MAX WND SPD (KTS)		44	54	61	65	58	59	5	52	47	51	47	42	65	31
SKY COVER GT 5/10 (%)		56.0	60.0	55.0	48.2	50.0	48.2	49.0	46.8	43.0	42.0	54.0	53.8	50.6	10
D/W THUNDERSTORMS		1	2	4	5	6	9	13	9	4	1	1	1	56	40
D/W FOG (VSBY LT 7 MI)		15	12	13	12	14	13	16	17	15	15	15	14	171	40
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	23.9	33.6	24.2	8.6	5.1	3.9	3.8	5.8	10.3	14.0	26.7	22.3	15.2	04
	03 - 05	28.4	39.4	32.3	16.2	21.1	18.5	17.7	18.2	20.4	23.9	37.3	27.6	25.1	04
	06 - 08	36.0	35.5	32.5	23.4	23.4	22.8	22.8	25.3	27.1	27.6	34.8	34.4	28.8	10
	09 - 11	32.2	34.5	28.2	19.4	15.5	14.4	16.9	13.8	22.3	23.0	31.5	30.4	23.5	10
	12 - 14	27.0	28.5	19.6	11.6	8.6	6.0	7.2	5.8	14.8	14.9	24.5	21.6	15.8	10
	15 - 17	22.7	24.7	16.1	6.6	3.7	3.6	4.0	4.7	7.4	10.9	20.2	18.0	11.9	10
	18 - 20	21.5	24.1	14.8	6.8	3.4	2.0	3.5	3.1	7.0	10.5	18.1	17.7	11.0	10
	21 - 23	23.6	21.8	17.4	9.1	3.0	1.7	2.2	3.1	6.6	11.6	19.8	17.8	11.5	10
ALL	27.1	29.2	22.3	12.9	10.6	9.2	10.1	10.1	14.7	17.0	25.7	23.6	17.5	10	
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.2	21.8	14.0	4.4	4.0	1.4	3.5	4.1	7.2	9.9	15.3	15.8	9.7	04
	03 - 05	20.8	28.2	21.5	11.5	16.7	13.9	14.5	16.0	17.6	17.9	27.3	22.0	19.0	04
	06 - 08	26.5	23.9	18.2	16.9	16.9	16.4	19.6	21.8	21.3	20.9	24.9	24.3	21.0	10
	09 - 11	21.7	23.7	13.5	9.2	4.7	5.2	6.7	7.5	10.3	14.0	18.1	17.7	12.7	10
	12 - 14	15.2	17.0	7.4	3.0	1.3	1.2	2.4	2.7	4.4	6.6	9.8	9.0	6.7	10
	15 - 17	13.4	12.8	7.6	1.8	.5	1.3	1.5	2.4	3.0	5.3	6.1	8.7	5.4	10
	18 - 20	12.0	13.0	7.9	1.8	.9	.4	.9	2.0	2.9	5.7	7.7	8.3	5.3	10
	21 - 23	14.6	13.9	10.2	2.5	1.0	.7	.7	1.9	3.9	5.6	9.3	10.2	6.2	10
	ALL	17.3	18.3	11.6	6.2	5.4	5.0	6.1	7.3	8.6	10.5	13.7	13.8	10.2	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	9.8	15.3	9.1	2.2	3.0	1.1	1.6	3.0	5.0	6.7	11.1	10.9	6.6	04
	03 - 05	14.6	22.4	12.1	7.9	11.1	9.3	9.5	10.3	11.9	12.1	20.4	15.4	13.1	04
	06 - 08	20.4	18.5	12.0	9.9	8.5	9.3	12.2	13.5	12.9	14.6	17.4	17.0	13.8	10
	09 - 11	15.8	16.0	7.2	3.3	1.6	1.9	1.7	2.4	4.7	5.9	9.8	12.1	6.9	10
	12 - 14	10.7	11.5	4.8	.9	.6	.6	1.0	.9	2.6	1.6	3.8	5.6	3.7	10
	15 - 17	8.4	7.2	4.7	.4	.1	.3	.5	.9	1.6	2.2	3.6	5.8	3.0	10
	18 - 20	9.4	8.3	4.7	.9	.2	.3	.5	.6	1.6	2.7	5.2	6.0	3.4	10
	21 - 23	10.7	9.6	5.6	1.0	.5	.0	.3	.6	2.2	3.3	6.7	6.9	3.9	10
	ALL	12.5	12.7	7.0	3.1	2.9	2.7	3.3	3.9	5.0	5.8	8.7	9.5	6.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.8	.6	1.1	.6	.3	.0	.0	.0	.3	1.1	.0	3.0	.6	04
	03 - 05	1.9	1.5	3.0	1.8	.4	1.3	.7	1.8	.7	1.7	3.0	5.4	1.9	04
	06 - 08	3.6	1.1	1.9	1.3	.5	.6	.4	1.0	.7	1.4	3.5	4.4	1.7	10
	09 - 11	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.2	10
	12 - 14	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	10
	15 - 17	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.4	.1	10
	18 - 20	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.4	.0	10
	21 - 23	.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.6	.2	10
	ALL	1.0	.5	.6	.3	.2	.2	.1	.3	.2	.4	.8	1.5	.5	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:															
HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN							
60NM	0/0	0/2	0/0	0/1	0/3	0/3	0/0	0/9							
120NM	0/0	0/6	1/3	4/7	4/8	1/6	0/0	10/30							
240NM	0/3	3/16	2/7	11/21	15/30	3/18	1/0	35/95							
REMARKS : ALL SUMMARY OF DAY (SOD) DATA DERIVED EXCLUSIVELY FROM MAXWELL AFB AL.															

A W S	STATION NAME: DAVIS-MONTHAN AFB AZ	FIELD ELEV: 2705 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 32 10 N 110 53 W	STATION MSC: 722745
	HOURLY OBS POR: MAY 79 - APR 89	CALL SIGN: KDMA
	SUMMARY OF DAY POR: JUL 41 - JAN 46, JAN 48 - APR 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: NOV 86
MAY 90	LST TO UTC: +07	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	88	89	97	102	106	112	111	111	108	101	91	84	112	48
MEAN MAX TEMP (F)	63	67	71	80	88	98	98	96	93	84	72	65	81	48
MEAN TEMP (F)	52	55	58	66	74	83	86	84	81	71	60	53	69	48
MEAN MIN TEMP (F)	40	42	45	52	59	69	74	73	69	59	47	41	56	48
EXTRM MIN TEMP (F)	17	23	22	31	37	50	63	63	51	31	26	20	17	48
D/W TEMP GE 100 (F)	0	0	0	#	1	13	13	6	4	#	0	0	37	48
D/W TEMP GE 90 (F)	0	0	1	4	15	27	28	27	23	8	#	0	133	48
D/W TEMP LT 40 (F)	14	10	6	1	#	0	0	0	0	1	4	12	48	48
D/W TEMP LT 33 (F)	4	2	1	#	0	0	0	0	0	#	1	3	11	48
HEATING DEGREE DAYS	388	293	222	70	11	0	0	0	#	23	175	356	1538	42
COOLING DEGREE DAYS	#	4	17	106	295	561	653	608	486	229	26	1	2986	42
MEAN DEWPOINT TEMP (F)	31	31	31	31	33	38	55	59	50	40	31	31	38	10
MEAN WET BULB TEMP (F)	42	44	46	50	54	60	67	68	63	55	46	43	53	10
99.95% WCPA (FT)	2800	2850	2900	2850	2850	2850	2800	2800	2800	2800	2800	2850	2900	10
MEAN REL HUM 07 LST(%)	57.7	56.0	50.9	39.4	33.6	28.4	50.8	60.7	51.1	49.0	49.4	55.7	48.6	10
MEAN REL HUM 13 LST(%)	55.4	32.0	27.5	20.2	17.1	15.7	28.9	34.3	28.2	27.6	29.5	35.1	27.6	10
MAX 24HR PRECIP (IN)	1.18	1.56	1.95	1.04	.68	.67	2.29	2.16	2.53	3.01	1.25	1.45	3.01	48
MAX PRECIP (IN)	3.00	3.24	2.32	1.78	1.08	1.15	6.18	4.89	4.35	5.26	2.10	5.81	23.32	48
MEAN PRECIP (IN)	.94	.77	.79	.33	.17	.27	2.06	1.92	1.27	.93	.67	1.03	11.22	48
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.23	.15	.00	.00	.00	.00	5.67	48
D/W PRECIP GE .01 (IN)	4	4	4	2	1	2	10	8	4	3	3	4	49	48
D/W PRECIP GT .50 (IN)	1	1	1	#	#	#	1	1	1	1	1	1	9	48
MAX 24HR SNFL (IN)	2.9	3.1	2.2	.5	#	0	0	0	0	0	6.6	6.0	6.6	41
MAX SNFL (IN)	4.9	3.5	4.1	.5	#	0	0	0	0	0	6.6	6.0	6.6	41
MEAN SNFL (IN)	.3	.1	.1	#	#	0	0	0	0	0	.2	.3	1.1	41
D/W SNFL GE .1 (IN)	1	1	#	#	0	0	0	0	0	0	#	1	3	41
D/W SNFL GE 1.5 (IN)	#	#	#	0	0	0	0	0	0	0	#	#	#	41
MAX DLY SNO DEPTH (IN)	1	1	4	0	0	0	0	0	0	0	3	3	4	41
PRVLNG WND DIR (DEG)	11-13	11-13	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	11-13	14-16	10
MEAN WND SPD (KTS)	4	4	5	5	5	5	5	4	4	4	4	4	4	10
MAX WND SPD (KTS)	41	50	47	56	47	60	68	70	46	49	46	50	70	40
SKY COVER GT 5/10 (%)	39.0	41.4	35.0	31.6	22.0	20.7	47.0	45.9	24.0	25.2	27.0	36.9	33.3	10
D/W THUNDERSTORMS	1	1	1	1	2	3	15	14	5	2	1	1	47	40
D/W FOG (VSBY LT 7 MI)	1	1	1	#	#	0	#	#	1	1	1	1	7	40

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY														
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST															
	00 - 02	.3	2.0	.0	.2	.0	.0	.0	.1	.1	.0	.4	1.9	.4	10	
	03 - 05	1.0	1.2	.1	.2	.0	.0	.0	.0	.0	.1	.8	2.5	.5	10	
	06 - 08	1.6	1.5	1.2	.0	.0	.0	.3	.1	.1	.2	1.1	2.0	.7	10	
	09 - 11	1.6	.9	.9	.0	.0	.0	.0	.0	.0	.3	.8	1.4	.5	10	
	12 - 14	1.1	.8	.2	.0	.1	.1	.0	.1	.7	.5	.4	1.1	.4	10	
	15 - 17	.4	1.1	.6	.1	.0	.0	.1	.2	.6	.1	.3	.6	.3	10	
	18 - 20	1.2	1.5	.3	.0	.0	.0	.2	.0	.4	.0	.3	.9	.5	10	
	21 - 23	.9	2.1	.4	.3	.0	.0	.1	.0	.1	.0	.6	1.6	.5	10	
	ALL	1.0	1.4	.5	.1	.0	.0	.0	.1	.1	.2	.2	.6	1.6	.5	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	.2	.6	.0	.0	.0	.0	.0	.1	.1	.0	.3	.9	.2	10	
	03 - 05	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.1	.2	10	
	06 - 08	.8	.5	.4	.0	.0	.0	.2	.1	.1	.0	.7	1.0	.3	10	
	09 - 11	.8	.2	.2	.0	.0	.0	.0	.0	.0	.2	.3	1.1	.2	10	
	12 - 14	.5	.4	.1	.0	.1	.1	.0	.1	.7	.4	.3	.6	.3	10	
	15 - 17	.3	.4	.1	.1	.0	.0	.1	.1	.3	.1	.3	.5	.2	10	
	18 - 20	.6	.8	.1	.0	.0	.0	.2	.0	.3	.0	.1	.8	.2	10	
	21 - 23	.4	.9	.1	.0	.0	.0	.1	.0	.0	.0	.1	.4	.2	10	
	ALL	.6	.5	.1	.0	.0	.0	.0	.1	.1	.2	.1	.4	.8	.2	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.1	10
03 - 05		.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.7	.9	.2	10	
06 - 08		.4	.4	.0	.0	.0	.0	.1	.0	.0	.0	.7	.9	.2	10	
09 - 11		.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.8	.1	10	
12 - 14		.1	.2	.0	.0	.0	.1	.0	.0	.3	.1	.1	.2	.1	10	
15 - 17		.3	.0	.0	.0	.0	.0	.1	.0	.3	.0	.3	.5	.1	10	
18 - 20		.5	.2	.0	.0	.0	.0	.2	.0	.2	.0	.0	.5	.1	10	
21 - 23		.3	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.3	.1	10	
ALL		.4	.2	.0	.0	.0	.0	.0	.1	.0	.1	.0	.2	.6	.1	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	10
	03 - 05	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.1	10	
	06 - 08	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.0	10	
	09 - 11	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	10	
	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	
	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	
	18 - 20	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	10	
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	
	ALL	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	10
	HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:															
HR/TS	AUG	SEP	ANN													
60NM	0/0	0/0	0/0													
120NM	0/0	0/0	0/0													
240NM	1/1	0/1	1/2													
REMARKS : @																

PREPARED APRIL 1987 OL-A/USAFETAC/AS/MS/MAC										STATION NAME: FT HUACHUCA AZ LOCATION: N 31 35 W 112 20										ELEVATION: 4664 FT STATION ID: KFHU GMT TO LST: -7 MSC 8 722730									
A 4 S CLIMATIC BRIEF FOR LIMITED DUTY STATIONS										CAUTION: MEANS AND EXTREMES BELOW ARE ONLY FOR THE HOURS 0600 - 2200 LST PERIOD OF RECORD: SEP 76 - AUG 86										THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT. FOR ANY "MEANINGFUL" SUMMARIZATION; THEREFORE, THEY WERE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.									
M O N T H	TEMPERATURES			RELATIVE HUMIDITY		WIND PRESS (INCHES)	DEW PT (F)	PRESS ALT FEET	SURFACE WINDS			NO CEIL- ING (FT)	TEMPERATURES			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN YRS	
	DAILY MEAN	HIGH	LOW	07	13				PVLS	AVG	HIGH		EXT MAX (F)	MEAN (F)	EXT MIN (F)														
	59	47	35	72	44	.17	33	4900	S W	4	51	65	97	91	92	101	106	110	111	108	106	103	101	90	84	111	30		
JAN	62	50	37	61	32	.15	27	4900	S W	5	49	75	99	53	55	62	71	81	83	82	80	78	56	50	67	30			
FEB	65	54	41	55	28	.15	27	4950	N W	6	57	71	9	14	21	29	34	48	58	55	42	31	18	14	9	30			
MAR	73	61	47	62	22	.15	28	4930	N W	7	57	80	1	2	0	0	0	0	0	0	0	0	0	0	0	0	30		
APR	82	69	55	76	22	.15	32	4850	N W	7	57	93	2	2	0	0	0	0	0	0	0	0	0	0	0	0	30		
MAY	92	78	65	84	22	.21	39	4750	N W	6	53	78	1.2	1.4	1.0	.7	.5	1.1	2.9	2.5	2.5	2.6	1.6	1.6	2.9	30			
JUN	89	78	67	81	37	.44	55	4650	S W	5	72	51	2.7	2.7	2.4	1.2	.7	1.3	8.9	8.1	7.5	5.5	2.2	5.3	8.9	30			
JUL	87	76	65	67	42	.47	57	4700	S W	4	56	57	MEAN (INS)	.5	.6	.7	.3	.1	.3	4.0	3.5	2.0	1.2	.5	.9	15.0	30		
AUG	84	73	61	63	37	.38	51	4750	S W	4	45	57	MIN MON (INS)	2	2	0	0	0	0	0	0	0	0	0	0	0	30		
SEP	76	64	52	60	35	.25	41	4800	S W	4	45	71	SNOWFALL	4	5	6	3	0	0	0	0	0	0	0	0	0	30		
OCT	66	54	42	61	34	.17	31	4850	S W	4	52	75	MAX 24-HOUR	13	10	7	4	0	0	0	0	0	0	0	0	0	30		
NOV	63	48	36	63	36	.15	28	4950	S W	4	53	75	MAX MON (INS)	1	2	2	8	0	0	0	0	0	0	0	0	0	30		
DEC	74	63	52	66	32	.23	38	4850	S W	5	72	72	MEAN (INS)	2	0	0	0	0	0	0	0	0	0	0	0	0	30		
ANN	10	10	10	10	10	.13	13	10	10	10	10	10	PEAK WIND KTS	51	49	57	57	57	53	72	56	45	45	52	53	72	30		
YRS													DAYS WITH	8	8	8	1	2	5	23	18	8	2	8	8	56	30		
													THUNDERSTORMS	2	1	1	8	8	8	8	8	1	1	1	2	9	30		
													FOG	5	4	4	2	1	3	15	12	7	4	3	4	64	30		
													MEAS. PRECIP.														30		

REMARKS: "APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED"

1. THE MEAN ANNUAL PRECIPITATION OF 15. WAS ROUNDED FROM 14.8.
2. THE EXTREME WINDS IN THE SUPPLEMENTAL SECTION ARE IDENTICAL IN VALUES TO THOSE IN THE HOURLY SECTION BECAUSE NO SPEEDS EXCEEDING THE HOURLY VALUES WERE IDENTIFIED FROM AN EARLIER PERIOD OR OTHER SOURCES DURING TIMES STATION WASN'T OPERATIONAL.
3. THE MINIMUM TEMPERATURES ARE CONSIDERABLY LOWER THAN THE HOURLY VALUES BASED ON AN EARLIER PERIOD AND OTHER SOURCES.

SYMBOLS: * DATA NOT AVAILABLE % PERCENT CALM > PREVAILING DIRECTION 8 AMOUNTS < UNITS SHOWN IN HEADING & SEE REMARKS

CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	36 - 38 39 - 41 42 - 44 45 - 47 48 - 50 51 - 53	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS
		6	5	4	1	0	0	2	2	1	7	4	7	3	10
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	36 - 38 39 - 41 42 - 44 45 - 47 48 - 50 51 - 53	3	3	2	1	0	0	1	1	0	3	2	3	2	10
		4	3	1	1	0	0	1	1	1	3	2	2	2	10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	36 - 38 39 - 41 42 - 44 45 - 47 48 - 50 51 - 53	2	2	1	0	0	0	1	1	0	2	1	2	1	10
		2	1	1	0	0	0	0	0	1	1	1	2	1	10
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1 MI	36 - 38 39 - 41 42 - 44 45 - 47 48 - 50 51 - 53	0	0	0	0	0	0	0	0	0	0	0	0	0	10
		0	0	0	0	0	0	0	0	0	0	0	0	0	10

A W S CLIMATIC BRIEF NOV 89	STATION NAME: GILA BEND AAF AZ LATITUDE/LONGITUDE: 32 53 N 112 43 W HOURLY OBS POR: JUN 79 - MAY 89 SUMMARY OF DAY POR: 4811-6302 (FULL TIME), 6303-7111, 8207-8905 (PART TIME) HOURS SUMMARIZED: 00-23 LST (4811-6302), 06-22 LST (6303-7111, 7906-8905) LST TO UTC: +07												FIELD ELEV: 858 FT STATION MSC: 747240 CALL SIGN: KGBM SUPERSEDES: DEC 75		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	Q EXTRM MAX TEMP (F)	87	92	98	110	115	118	121	120	118	114	96	87	121	39
	Q MEAN MAX TEMP (F)	68.1	73.0	78.0	86.7	95.9	105.6	109.3	106.5	102.9	91.8	77.6	69.1	88.7	30
	Q MEAN TEMP (F)	53.0	57.1	61.8	69.2	78.2	87.3	94.0	91.8	86.4	74.8	61.8	53.9	72.4	30
	Q MEAN MIN TEMP (F)	37.9	41.1	45.4	51.7	60.4	68.9	78.7	77.0	69.9	57.8	45.9	38.6	56.1	30
	Q EXTRM MIN TEMP (F)	18	24	25	37	40	53	61	57	49	31	28	20	18	39
	D/W TEMP GE 100 (F)	0	0	0	2	10	23	29	27	19	3	0	0	113	39
	D/W TEMP GE 90 (F)	0	1	2	12	23	29	31	31	28	18	1	0	176	39
	D/W TEMP LT 40 (F)	16	9	4	1	0	0	0	0	0	1	5	14	50	39
	D/W TEMP LT 33 (F)	5	2	1	0	0	0	0	0	0	#	1	3	12	39
	Q HEATING DEGREE DAYS	376	242	150	33	6	0	0	0	0	11	132	351	1301	30
	Q COOLING DEGREE DAYS	#	20	50	159	415	669	899	831	642	315	36	7	4043	30
	MEAN DEWPOINT TEMP (F)	36.5	35.9	36.0	35.0	37.7	40.7	56.9	60.1	52.2	43.9	36.3	36.6	42.4	10
	MEAN WET BULB TEMP (F)	47.2	49.0	51.8	55.3	59.5	64.3	71.8	72.5	67.0	59.2	51.1	47.1	58.2	10
	99.95% WCPA (FT)	1100	1150	1200	1200	1200	1200	1200	1200	1200	1200	1150	1150	1300	10
	MEAN REL HUM 07 LST(%)	71.0	64.4	56.1	38.1	31.1	25.9	42.5	51.2	45.8	49.6	56.3	69.8	50.0	10
	MEAN REL HUM 13 LST(%)	40.1	33.9	29.1	20.2	17.0	13.9	25.4	28.2	25.3	26.5	30.3	42.1	27.6	10
	Q MAX 24HR PRECIP (IN)	1.73	1.35	1.63	.60	.93	.40	1.43	3.00	2.75	1.10	1.58	1.23	3.00	39
	Q MAX PRECIP (IN)	2.61	1.83	2.55	1.89	1.33	.57	2.05	5.61	2.85	1.88	2.15	3.81	10.56	39
	MEAN PRECIP (IN)	.66	.48	.47	.15	.10	.03	.67	1.36	.60	.41	.39	.64	6.03	39
	MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	#	.03	.00	.00	.00	.00	1.30	39
	D/W PRECIP GE .01 (IN)	4	2	3	1	1	1	4	5	2	2	2	3	30	39
	D/W PRECIP GT .50 (IN)	1	1	1	#	#	0	1	1	1	1	1	1	9	39
	Q MAX 24HR SNFL (IN)	0	.1	0	0	0	0	0	0	0	0	0	2.5	2.5	39
	Q MAX SNFL (IN)	0	.1	0	0	0	0	0	0	0	0	0	2.5	2.5	39
	Q MEAN SNFL (IN)	0	#	0	0	0	0	0	0	0	0	0	.1	.1	39
	Q D/W SNFL GE .1 (IN)	0	#	0	0	0	0	0	0	0	0	0	#	#	39
	Q D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	39
	MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	39
	MEAN SFC WND DIR (DEG)	\$030	\$030	\$240	\$240	\$240	\$240	\$240	\$240	\$270	\$030	\$030	\$030	\$240	10
	MEAN WND SPD (KTS)	3.5	3.6	4.4	5.0	5.1	4.7	4.4	3.7	3.9	3.5	3.6	3.3	4.1	10
	Q MAX WND SPD (KTS)	42	38	50	40	38	46	52	48	42	40	40	34	52	29
	SKY COVER GT 1/2 (%)	39.0	47.4	36.0	32.2	23.0	16.4	29.0	28.7	21.0	28.3	29.0	40.2	30.9	10
	D/W THUNDERSTORMS	1	1	1	1	1	1	6	6	2	1	1	1	23	30
	D/W FOG (VSBY LT 7 MI)	1	1	#	0	0	0	#	1	#	#	1	1	5	30
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR		
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST																
	00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10	
	06 - 08	.5	2.0	.4	.0	.0	.0	.0	.0	.0	.0	.7	1.1	.4	10		
	09 - 11	1.1	2.2	.5	.4	.0	.0	.2	.0	.0	.0	.9	2.2	.6	10		
	12 - 14	1.0	1.7	.9	.3	.0	.0	.0	.0	.0	.0	1.4	3.5	.7	10		
	15 - 17	.3	2.0	.7	.2	.0	.0	.0	.0	.2	.2	.7	3.0	.6	10		
	18 - 20	.0	2.2	.0	.0	.0	.0	.5	.2	.0	.0	.0	.9	.3	10		
	21 - 22	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10		
ALL	.6	2.0	.5	.2	.0	.0	.1	.0	.0	.0	.0	.8	2.2	.5	10		
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10	
	06 - 08	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.1	10		
	09 - 11	.	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	1.	.3	10		
	12 - 14	.6	.2	.5	.1	.0	.0	.0	.0	.0	.0	.8	1.1	.3	10		
	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.5	.1	10		
	18 - 20	.0	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.6	.1	10		
	21 - 22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10		
	ALL	.2	.3	.1	.0	.0	.0	.1	.0	.0	.0	.5	.8	.2	10		
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10	
	06 - 08	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.1	10		
	09 - 11	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5	.3	.1	10		
	12 - 14	.3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.5	.0	.1	10		
	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.2	.0	10		
	18 - 20	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	10		
	21 - 22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10		
	ALL	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	10		
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10	
	06 - 08	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	10		
	09 - 11	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	10		
	12 - 14	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10		
	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10		
	18 - 20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10		
	21 - 22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10		
	ALL	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	10		
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:																	
HR/TS		JUL	AUG	SEP	OCT	ANN											
60NM		0/0	0/0	0/0	0/0	0/0											
120NM		0/0	0/1	0/0	0/0	0/1											
240NM		0/0	1/1	0/1	0/0	1/2											
REMARKS @ : SUMMARY OF THE DAY (SOD) AND HEATING/COOLING DEGREE DAY DATA WERE SUPPLEMENTED FROM:																	
CLIMATOGRAPHY OF THE UNITED STATES (NO. 20) FOR GILA BEND AZ, SOD POR: JAN 51 - DEC 80.																	
@@ : MAX WND SPD DATA WERE DERIVED FROM HOURLY OBSERVATIONS (GUSTS) FOR POR 4811-5412, 6809-8601 AND FROM SOD DATA (PEAK WINDS) FOR POR 8602-8905.																	

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A W S CLIMATIC BRIEF MAY 91	STATION NAME: TUCSON IAP AZ LATITUDE/LONGITUDE: 32 07 N 110 56 W HOURLY OBS POR: DEC 80 - NOV 90 SUMMARY OF DAY POR: JUN 46-NOV 46, OCT 48-NOV 90 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +07												FIELD ELEV: 2641 FT STATION MSC: 722740 CALL SIGN: KTUS SUPERSEDES: MAY 71		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	87	92	99	104	107	117	114	108	107	101	90	84	117	43
	MEAN MAX TEMP (F)	64	68	73	81	90	99	99	96	94	84	73	65	82	43
	MEAN TEMP (F)	52	54	59	66	74	84	86	84	81	71	59	52	69	43
	MEAN MIN TEMP (F)	38	40	44	51	58	68	74	72	67	57	45	39	55	43
	EXTRM MIN TEMP (F)	16	20	20	33	38	47	62	61	44	26	24	16	16	43
	D/W TEMP GE 100 (F)	0	0	0	#	2	15	15	9	5	#	0	0	46	43
	D/W TEMP GE 90 (F)	0	#	1	4	17	28	29	29	24	9	#	0	141	43
	D/W TEMP LT 40 (F)	17	12	7	2	#	0	0	0	0	1	7	17	63	43
	D/W TEMP LT 33 (F)	6	4	1	0	0	0	0	0	0	#	1	5	17	43
	@@HEATING DEGREE DAYS	253	180	100	18	#	0	0	0	0	7	96	220	874	39
	@@COOLING DEGREE DAYS	0	0	0	#	22	164	220	147	79	4	0	0	636	39
	MEAN DEWPOINT TEMP (F)	29	29	28	29	31	37	55	59	50	41	32	30	37	10
	MEAN WET BULB TEMP (F)	41	43	46	50	54	60	67	68	62	54	46	42	53	10
	99.95% WCPA (FT)	2800	2800	2850	2850	2800	2800	2750	2700	2800	2750	2800	2800	2850	10
	MEAN REL HUM 07 LST(%)	61.8	58.5	50.7	40.0	33.1	29.6	54.4	63.0	55.3	54.8	56.4	61.9	51.7	10
	MEAN REL HUM 13 LST(%)	31.3	27.7	23.3	17.5	13.9	13.2	27.6	31.3	26.8	26.3	27.5	32.1	24.9	10
	MAX 24HR PRECIP (IN)	1.08	1.26	1.19	.74	.50	1.27	3.93	2.48	2.85	2.96	1.57	1.22	3.93	43
	MAX PRECIP (IN)	2.94	2.90	2.26	1.66	.74	1.46	6.17	7.93	5.11	4.98	1.90	5.02	21.86	43
	MEAN PRECIP (IN)	.88	.66	.69	.32	.15	.24	2.49	2.23	1.40	.95	.61	.92	11.49	43
	MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.37	.23	.00	.00	.00	.00	5.34	43
	D/W PRECIP GE .01 (IN)	5	3	4	2	1	2	11	9	5	3	3	4	52	43
	D/W PRECIP GT .50 (IN)	1	1	1	#	0	#	1	1	1	1	1	1	9	43
	MAX 24HR SNFL (IN)	4.3	2.2	4.0	2.0	0	0	0	0	0	#	6.4	6.8	6.8	43
	MAX SNFL (IN)	4.7	3.9	5.7	2.0	0	0	0	0	0	#	6.4	6.8	8.3	43
	MEAN SNFL (IN)	.4	.3	.3	.1	0	0	0	0	0	#	.1	.3	1.5	43
	D/W SNFL GE .1 (IN)	1	1	#	#	0	0	0	0	0	0	#	1	3	43
	D/W SNFL GE 1.5 (IN)	#	#	#	#	0	0	0	0	0	0	#	#	#	43
	MAX DLY SNO DEPTH (IN)	1	4	5	0	0	0	0	0	0	0	1	5	5	43
	PRVING WND DIR (DEG)	11-13	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	11-13	14-16	10
	MEAN WND SPD (KTS)	7	7	8	8	8	8	8	7	8	7	7	7	7	10
	MAX WND SPD (KTS)	41	42	46	48	48	50	70	62	62	43	44	41	70	22
	SKY COVER OT 5/10 (%)	38.1	41.7	38.8	34.6	24.2	22.8	52.3	49.1	28.6	28.0	31.0	37.4	35.5	10
	D/W THUNDERSTORMS	1	1	1	1	1	3	15	14	6	2	1	1	47	43
	D/W FOG (VSBY LT 7 MI)	1	1	#	#	0	0	#	#	1	#	1	1	5	43
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	2.5	2.6	1.1	.9	.0	.0	.0	.2	.5	.2	1.0	4.2	1.1	10
	03 - 05	2.4	2.3	1.5	.8	.0	.0	.1	.3	.1	.4	1.2	3.6	1.1	10
	06 - 08	2.0	2.4	1.8	.8	.0	.0	.3	.7	.2	.4	1.6	3.1	1.1	10
	09 - 11	2.7	3.3	1.0	.8	.0	.0	.3	.2	.1	.6	1.1	2.7	1.1	10
	12 - 14	2.5	2.7	1.0	.5	.0	.1	.0	.3	.6	.2	1.4	2.9	1.0	10
	15 - 17	1.1	1.9	1.4	.3	.0	.0	.0	.4	.6	.3	1.1	2.6	.8	10
	18 - 20	1.9	2.5	1.8	.2	.0	.0	.1	.2	.2	.7	.7	2.4	.9	10
	21 - 23	2.3	2.9	.7	.9	.0	.1	.0	.0	.3	.3	.7	2.4	.9	10
	ALL	2.2	2.6	1.3	.7	.0	.0	.1	.3	.3	.4	1.1	3.0	1.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	1.3	1.0	.0	.3	.0	.0	.0	.1	.0	.0	.7	1.1	.4	10
	03 - 05	1.1	.7	.2	.2	.0	.0	.0	.0	.1	.1	.8	1.9	.4	10
	06 - 08	1.1	1.0	.1	.2	.0	.0	.1	.1	.1	.1	.8	1.3	.4	10
	09 - 11	1.7	.6	.0	.1	.0	.0	.0	.0	.1	.4	1.0	1.1	.4	10
	12 - 14	.6	.0	.4	.0	.0	.1	.0	.1	.5	.2	.6	.7	.3	10
	15 - 17	.2	.1	.0	.1	.0	.0	.0	.4	.5	.2	.2	.5	.2	10
	18 - 20	.9	.7	.2	.0	.0	.0	.1	.1	.2	.1	.1	1.4	.3	10
	21 - 23	.7	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	.9	.3	10
	ALL	.9	.7	.1	.1	.0	.0	.0	.1	.2	.2	.5	1.1	.3	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	1.0	.7	.0	.3	.0	.0	.0	.1	.0	.0	.5	.9	.3	10
	03 - 05	.9	.7	.0	.2	.0	.0	.0	.0	.1	.0	.8	1.8	.4	10
	06 - 08	.9	1.0	.0	.1	.0	.0	.0	.0	.0	.1	.7	1.1	.3	10
	09 - 11	.7	.5	.0	.0	.0	.0	.0	.0	.0	.3	.7	1.0	.3	10
	12 - 14	.1	.0	.1	.0	.0	.1	.0	.0	.0	.2	.2	.4	.1	10
	15 - 17	.2	.1	.0	.0	.0	.0	.0	.3	.5	.1	.0	.4	.1	10
	18 - 20	.8	.5	.1	.0	.0	.0	.1	.1	.2	.0	.1	1.1	.2	10
	21 - 23	.3	.8	.0	.1	.0	.0	.0	.0	.0	.0	.1	.7	.2	10
	ALL	.6	.5	.0	.1	.0	.0	.0	.1	.1	.1	.4	.9	.2	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.1	10
	03 - 05	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	10
	06 - 08	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	10
	09 - 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	10
	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.1	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	10
	18 - 20	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	10
	21 - 23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : 0															

A W S CLIMATIC BRIEF DEC 91	STATION NAME: WILLIAMS AFB AZ LATITUDE/LONGITUDE: 33 19 N 111 39 W HOURLY OBS POR: APR 81 - MAR 91 SUMMARY OF DAY POR: MAR 42-MAR 91 HOURS SUMMARIZED: 0400 - 2100 LST LST TO UTC: +07												FIELD ELEV: 1383 FT STATION MSC: 722786 CALL SIGN: KIWA SUPERSEDES: DEC 87		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	84	93	93	101	110	120	116	114	113	103	92	84	120	50
	MEAN MAX TEMP (F)	64	68	72	81	90	100	102	100	96	86	73	65	83	50
	MEAN TEMP (F)	52	56	60	68	77	86	91	89	84	73	60	53	71	50
	MEAN MIN TEMP (F)	39	43	47	55	63	72	80	78	72	60	47	40	58	50
	EXTRM MIN TEMP (F)	17	24	24	34	37	53	64	59	50	34	22	21	17	50
	D/W TEMP GE 100 (F)	0	0	0	#	3	16	22	17	9	1	0	0	68	50
	D/W TEMP GE 90 (F)	0	#	1	6	19	28	30	30	26	11	1	0	152	50
	D/W TEMP LT 40 (F)	16	9	4	1	#	0	0	0	0	1	5	15	51	50
	D/W TEMP LT 33 (F)	5	2	1	0	0	0	0	0	0	0	1	4	13	50
	HEATING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	49
	COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	49
	MEAN DEWPOINT TEMP (F)	33	33	33	34	36	42	57	59	53	45	35	34	41	10
	MEAN WET BULB TEMP (F)	44	46	48	53	57	62	70	70	65	58	49	45	56	10
	99.95% WCPA (FT)	1600	1650	1700	1700	1700	1700	1650	1650	1650	1650	1600	1650	1750	10
	MEAN REL HUM 07 LST(%)	66.7	60.0	54.8	38.9	31.3	26.9	45.1	52.5	51.1	52.7	54.3	64.2	49.6	10
	MEAN REL HUM 13 LST(%)	41.2	35.8	30.8	21.7	18.3	17.5	29.2	32.9	30.5	31.1	32.1	41.6	30.1	10
	MAX 24HR PRECIP (IN)	1.14	1.88	1.28	1.18	.65	.53	1.75	2.64	1.76	2.24	1.39	2.36	2.64	49
	MAX PRECIP (IN)	3.01	3.16	3.52	1.89	.72	.67	2.87	5.05	3.73	3.78	3.26	4.34	17.59	49
	MEAN PRECIP (IN)	.82	.79	.91	.36	.11	.09	.74	1.21	.92	.67	.60	.73	7.56	49
	MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.03	#	.00	.00	.00	.00	2.78	49
	D/W PRECIP GE .01 (IN)	4	4	4	2	1	1	5	5	3	3	3	4	39	49
	D/W PRECIP GE .50 (IN)	1	1	1	1	#	#	1	1	1	1	1	1	10	49
	MAX 24HR SNFL (IN)	0	0	.2	0	0	0	0	0	0	0	0	#	.2	43
	MAX SNFL (IN)	0	0	.2	0	0	0	0	0	0	0	0	#	.2	43
	MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	#	0	43
	D/W SNFL GE .1 (IN)	0	0	#	0	0	0	0	0	0	0	0	0	#	43
	D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	43
	MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	43
	PRVLNG WND DIR (DEG)	\$11-13	\$11-13	11-13	11-13	11-13	26-28	26-28	11-13	11-13	\$11-13	\$08-10	\$08	\$11-13	10
	MEAN WND SPD (KTS)	3	4	4	5	5	5	5	5	5	3	3	3	4	10
	MAX WND SPD (KTS)	44	46	46	43	59	74	70	71	64	46	50	51	74	45
	SKY COVER GT 5/10 (%)	35.9	42.5	37.7	30.9	21.7	16.1	32.3	29.8	23.4	25.6	27.8	36.0	29.8	10
	D/W THUNDERSTORMS	1	1	1	1	1	1	6	5	3	1	1	1	23	49
	D/W FOG (VSBY LT 7 MI)	2	1	1	1	0	0	#	1	1	1	1	1	10	49
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	2.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.8	.5	10
	06 - 08	3.2	1.6	.4	.0	.0	.0	.1	.1	.3	.3	.6	1.8	.7	10
	09 - 11	3.0	1.4	.8	.2	.0	.0	.0	.3	.2	.0	.4	3.1	.8	10
	12 - 14	1.9	.8	1.3	.0	.0	.0	.1	.3	.2	.3	.4	2.0	.6	10
	15 - 17	1.3	.1	.6	.1	.3	.0	.4	.6	.0	.7	.4	1.2	.5	10
	18 - 20	.6	.2	.2	.2	.2	.5	1.1	1.1	.0	.0	.4	.0	.4	10
	21 - 23	.0	.0	.0	.0	.0	.0	.6	1.3	.0	.0	2.3	.0	.3	10
	ALL	2.1	.9	.6	.1	.1	.1	.3	.4	.1	.2	.4	1.8	.6	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	10
	06 - 08	2.5	.3	.1	.0	.0	.0	.1	.1	.3	.3	.1	1.1	.4	10
	09 - 11	1.9	.4	.2	.1	.0	.0	.0	.3	.2	.0	.2	1.9	.4	10
	12 - 14	1.0	.1	.0	.0	.0	.0	.1	.2	.2	.3	.0	.8	.2	10
	15 - 17	.8	.1	.1	.1	.3	.0	.4	.6	.0	.6	.4	.8	.3	10
	18 - 20	.2	.2	.0	.2	.2	.5	1.1	1.1	.0	.0	.2	.0	.3	10
	21 - 23	.0	.0	.0	.0	.0	.0	.6	1.3	.0	.0	.0	.0	.2	10
	ALL	1.3	.2	.1	.1	.1	.1	.3	.4	.1	.2	.2	1.0	.3	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	10
	06 - 08	1.9	.1	.0	.0	.0	.0	.0	.1	.3	.1	.1	.5	.3	10
	09 - 11	1.2	.4	.1	.0	.0	.0	.0	.2	.2	.0	.1	1.2	.3	10
	12 - 14	.8	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.6	.1	10
	15 - 17	.4	.1	.0	.0	.1	.0	.1	.6	.0	.0	.1	.7	.2	10
	18 - 20	.2	.0	.0	.0	.2	.5	.8	.9	.0	.0	.0	.0	.2	10
	21 - 23	.0	.0	.0	.0	.0	.0	.6	1.3	.0	.0	.0	.0	.2	10
	ALL	1.0	.1	.0	.0	.0	.1	.2	.3	.1	.0	.1	.6	.2	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	10
	06 - 08	.6	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1	.2	.1	10
	09 - 11	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	10
	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.0	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0	10
	18 - 20	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @@ COOLING DEGREE DAYS CALCULATED USING 75 DEGREES FAHRENHEIT AS BASE TEMPERATURE.															

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YUMA, ARIZONA
 LOCATION: 3239N 11436W
 PREPARED BY: USAFETAC/ECO, MAY 1989

STATION #: 722800
 ELEVATION (FEET): 207
 PERIOD: 7301-8612

ICAO: YUM
 LST = GMT -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	82	95	98	112	116	115	118	114	109	92	82	118
MEAN DAILY MAX	1	69	74	77	75	94	104	106	105	100	77	69	88
MEAN	1	57	61	64	1	79	89	93	92	87	76	64	74
MEAN DAILY MIN	1	46	48	52	57	65	74	81	80	75	63	52	62
EXTREME MIN	1	27	34	30	42	50	58	66	67	55	48	36	27
# DAYS GE 90	1	0	1	2	10	24	30	31	31	28	17	1	175
# DAYS LE 32	1	1	0	#	0	0	0	0	0	0	0	#	1
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	2	2.8	1.8	0.8	1.2	0.4	0.0	1.1	1.3	2.5	2.7	1.7	*
MEAN	2	0.4	0.2	0.2	0.1	0.0	0.0	0.2	0.3	0.3	0.2	0.2	2.4
MINIMUM	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*
MAX 24 HR	2	1.6	1.2	0.6	1.1	0.4	0.0	0.5	1.1	2.4	1.6	1.4	2.4
# DAYS GE 0.004	2	5	4	5	2	1	1	4	4	3	2	3	38
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	2	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (6 LST)	1	56	52	53	44	42	37	48	52	53	50	47	49
RH (16 LST)	1	28	23	22	16	15	12	21	22	22	21	22	21
VAPOR PRESS	1	.21	.21	.22	.22	.27	.33	.54	.57	.49	.33	.22	.32
DEWPOINT	1	33	33	35	35	41	45	59	60	56	45	35	42
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	N	N	W	W	S	S	S	S	S	\$N	N	S
MEAN SPEED													
(PVLG DRCTN)	1	8	8	8	8	7	7	8	8	7	7	8	8
MEAN SPEED													
(ALL OBS)	1	6	6	6	6	7	7	7	6	6	5	5	6
MAX PEAK GUST	1	45	44	47	52	40	30	54	40	59	49	36	59
PRESSURE ALT	1	470	550	770	640	640	620	560	600	670	550	630	770
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	3	2	2	1	2	2	2	2	3	2
DAYS TSTMS	1	6	5	8	3	5	2	34	46	18	10	0	141
DAYS FOG LT 7	1	1	1	#	#	0	0	#	0	#	#	1	5
DAYS BNBD LT 7	1	1	1	2	1	1	#	2	2	2	2	1	15
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73- DEC 88, 3 HOURLY
 2. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	#	#	#	0	#	#	#	1	2	1
03-05 LST	1	1	#	#	0	#	#	#	#	#	1	3	1
06-08 LST	1	1	1	#	#	#	1	1	#	1	2	4	1
09-11 LST	2	1	1	1	1	#	1	1	1	1	2	4	1
12-14 LST	2	1	1	1	#	0	#	1	#	1	1	4	1
15-17 LST	1	1	1	1	#	#	#	1	#	1	1	3	1
18-20 LST	1	2	1	1	#	#	1	1	#	1	1	3	1
21-23 LST	1	2	1	#	#	#	#	#	#	#	1	3	1
ALL HOURS	1	1	1	1	#	#	#	1	#	1	1	3	1

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	#	#	0	0	#	#	#	1	#
03-05 LST	1	#	#	#	0	#	#	#	0	#	1	2	#
06-08 LST	1	#	#	#	#	#	#	#	#	#	1	3	1
09-11 LST	1	1	#	#	#	#	#	#	#	#	1	2	1
12-14 LST	1	#	1	#	#	0	0	#	#	1	1	2	1
15-17 LST	1	1	1	1	#	#	#	#	#	1	1	1	1
18-20 LST	#	#	1	1	#	#	1	1	#	1	#	1	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	1	#
ALL HOURS	1	#	1	#	#	#	#	#	#	#	1	2	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	#	#	0	0	0	0	#	1	#
03-05 LST	1	#	#	#	0	#	#	#	0	#	1	2	#
06-08 LST	1	#	#	0	#	0	#	#	0	#	1	2	#
09-11 LST	#	#	#	#	#	0	0	#	#	#	1	2	#
12-14 LST	#	#	#	#	#	0	0	#	0	#	1	1	#
15-17 LST	#	#	1	#	#	#	#	#	#	#	1	1	#
18-20 LST	#	#	1	#	#	#	#	#	0	#	#	#	#
21-23 LST	#	#	#	#	0	#	#	0	#	#	#	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	1	1	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	0	0	0	0	0	#	1	#
03-05 LST	#	#	0	#	0	0	0	0	0	0	#	1	#
06-08 LST	#	#	#	0	#	0	#	0	0	#	1	1	#
09-11 LST	#	0	0	0	0	0	0	0	0	0	#	1	#
12-14 LST	#	#	0	0	#	0	0	#	0	0	#	#	#
15-17 LST	#	#	0	0	#	0	0	#	0	0	#	0	#
18-20 LST	0	0	#	0	#	0	#	#	0	0	0	0	#
21-23 LST	0	#	#	0	0	#	0	0	0	0	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	0	#	#	1	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YUMA, ARIZONA
 LOCATION: 3239N 11436W
 PREPARED BY: USAFETAC/ECO, MAY 1989

STATION #: 722800
 ELEVATION (FEET): 207
 PERIOD: 7301-8612

ICAO: YUM
 LST = GMT -7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	0	#	#	#	0	0	#	#
03-05 LST	0	#	0	#	#	0	#	1	#	0	0	#	#
06-08 LST	0	#	0	#	0	0	#	1	#	0	0	0	#
09-11 LST	0	0	0	0	0	#	#	#	1	#	0	0	#
12-14 LST	#	#	#	0	0	#	#	1	#	#	0	0	#
15-17 LST	#	#	#	#	#	#	1	1	#	1	0	#	#
18-20 LST	#	#	#	0	#	0	1	2	1	#	0	#	#
21-23 LST	0	0	#	0	0	0	1	1	#	#	0	0	#
ALL HOURS	#	#	#	#	#	#	1	1	#	#	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	#	#	#	#	#	1	#	1	3	1
03-05 LST	2	2	1	1	#	#	1	1	1	1	#	2	1
06-08 LST	3	2	1	#	#	#	1	2	1	1	1	2	1
09-11 LST	2	2	2	1	#	#	1	1	2	#	1	1	1
12-14 LST	2	2	2	1	#	#	1	2	1	1	1	3	1
15-17 LST	3	3	2	1	1	#	1	1	1	1	1	3	1
18-20 LST	2	2	2	1	#	0	1	2	1	1	1	2	1
21-23 LST	2	1	2	#	#	0	1	1	1	#	1	2	1
ALL HOURS	2	2	2	1	#	#	1	1	1	1	1	2	1

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	#	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
15-17 LST	0	0	#	0	0	0	0	0	0	0	0	0	#
18-20 LST	0	0	#	0	0	0	0	0	0	#	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	#	0	0	0	0	0	0	#	#	0	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	1	#	#	#	#	#	#	#	1	#
03-05 LST	#	#	#	#	0	0	1	#	#	#	#	#	#
06-08 LST	1	1	#	#	#	#	#	1	#	#	#	#	#
09-11 LST	1	1	2	1	1	#	#	#	1	1	1	1	1
12-14 LST	2	3	3	2	2	#	#	#	1	2	1	1	1
15-17 LST	1	2	3	3	2	#	#	0	1	1	1	1	1
18-20 LST	1	#	2	3	2	#	1	#	#	#	#	#	1
21-23 LST	0	1	1	1	1	#	1	1	#	#	#	#	#
ALL HOURS	1	1	1	1	1	#	#	#	#	1	1	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ϕ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, 3 HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	#	#	0	0	0	0	#	1	#
03-05 LST	1	#	#	#	0	#	#	#	0	0	1	2	#
06-08 LST	1	#	#	0	#	0	#	#	0	#	1	2	#
09-11 LST	#	#	0	#	#	0	0	0	#	#	1	2	#
12-14 LST	#	#	#	#	#	0	0	#	0	#	1	1	#
15-17 LST	#	#	#	#	#	#	#	#	#	#	1	#	#
18-20 LST	#	#	#	#	#	#	#	#	0	#	#	#	#
21-23 LST	0	#	#	#	0	#	#	0	#	#	#	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	1	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	#	#	0	0	0	0	#	1	#
03-05 LST	#	#	#	#	0	#	#	#	0	0	1	1	#
06-08 LST	1	#	#	0	#	0	#	#	0	#	1	2	#
09-11 LST	#	#	0	#	0	0	0	0	#	0	#	1	#
12-14 LST	#	#	#	#	#	0	0	#	0	0	#	1	#
15-17 LST	#	#	#	#	#	#	#	#	0	#	#	#	#
18-20 LST	0	#	#	#	#	#	#	#	0	0	#	#	#
21-23 LST	0	#	#	#	0	#	#	0	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	1	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	#	#	0	0	0	0	#	1	#
03-05 LST	#	#	0	#	0	0	#	0	0	0	1	1	#
06-08 LST	1	#	#	0	#	0	#	0	0	#	1	2	#
09-11 LST	#	#	0	0	0	0	0	0	#	0	#	1	#
12-14 LST	#	#	0	#	#	0	0	#	0	0	#	#	#
15-17 LST	#	#	#	#	#	0	#	#	0	0	#	#	#
18-20 LST	0	#	#	#	#	0	#	#	0	0	0	#	#
21-23 LST	0	#	#	#	0	#	#	0	#	0	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	1	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	0	0	0	0	0	#	#	#
03-05 LST	#	#	0	#	0	0	0	0	0	0	#	1	#
06-08 LST	#	#	#	0	#	0	0	0	0	#	1	1	#
09-11 LST	#	0	0	0	0	0	0	0	0	0	#	1	#
12-14 LST	#	#	0	0	#	0	0	0	0	0	#	#	#
15-17 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
18-20 LST	0	0	#	0	#	0	0	#	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	#	#
ALL HOURS	#	#	#	#	#	0	0	#	0	#	#	#	#

A W S CLIMATIC BRIEF October 1987		Station Name: EAKER (BLYTHEVILLE) AFB, AR Latitude/Longitude: N35 51 W089 57 Hourly Obs POR: Jul 77 to Jun 87 Summary of Day POR: Sep 42 to Dec 45 Nov 55 to May 58 Dec 59 to Jun 87 LST - GMT -6		Field Elev: 255 ft Station MSC: 723408 Call Sign: KBYH Supersedes: Jul 1983										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	76	80	85	94	95	101	107	102	100	93	85	77	107	33
MEAN MAX TEMP °F	43	48	59	70	79	88	91	88	82	73	59	48	69	33
MEAN TEMP °F	36	41	50	61	70	78	81	79	72	62	50	40	60	33
MEAN MIN TEMP °F	28	32	41	51	60	68	72	69	62	51	41	33	51	33
XTRM MIN TEMP °F	-7	-1	6	30	39	49	52	49	38	27	14	-2	-7	33
D/W TEMP > 95°F	0	0	0	0	#	3	7	4	1	0	0	0	15	33
D/W TEMP > 90°F	0	0	0	#	3	13	19	13	5	#	0	0	53	33
D TEMP < 32°F	22	14	7	#	0	0	0	0	0	#	5	16	64	33
D TEMP < 20°F	6	3	#	0	0	0	0	0	0	0	#	3	12	33
V. PRESS ("Hg)	.14	.17	.24	.32	.49	.62	.71	.71	.56	.36	.26	.18	.35	10
MEAN DEWPOINT °F	25	31	39	47	58	65	69	69	62	50	41	32	49	10
99.95% WCPA Ft	750	800	900	750	650	500	450	450	500	550	700	800	700	10
MEAN RH 07 LST %	76	78	75	72	76	73	75	81	81	78	78	78	77	10
MEAN RH 13 LST %	65	66	58	54	57	52	53	58	55	53	61	65	58	10
MAX 24HR PRECIP "	4.2	3.3	4.6	5.2	3.2	3.6	3.1	3.4	4.1	4.1	4.4	4.1	5.2	33
MAX PRECIP "	8.9	9.7	13.1	11.2	12.5	9.4	6.3	9.3	10.8	10.1	13.5	11.9	13.5	33
MEAN PRECIP "	3.4	3.8	4.7	5.1	5.4	3.9	3.1	3.3	3.8	2.9	4.4	4.5	48.3	33
MIN PRECIP "	.8	.9	.2	.5	.9	1.1	.5	.8	.2	.0	.8	.4	.0	33
D/W PRECIP > .01"	9	9	11	11	11	8	8	7	7	7	9	10	107	33
D/W PRECIP > .5"	2	2	3	4	4	3	2	2	2	2	3	3	32	33
MAX 24HR SNFL "	8	5	9	#	00	0	0	0	0	0	3	7	9	33
MAX SNFL "	16	12	14	#	0	0	0	0	0	0	6	8	16	33
MEAN SNFL "	4	3	2	#	0	0	0	0	0	0	#	1	10	33
D/W SNFL > 0.1"	3	2	1	#	0	0	0	0	0	0	#	1	7	33
D/W SNFL > 1.5"	1	1	#	0	0	0	0	0	0	0	#	#	2	33
MEAN WND DRCTN	N	N	S	S	S	S	\$SSW	S	\$N	\$S	N	N	S	10
MEAN WND SPD Kts	7	7	8	7	6	5	5	5	5	5	7	7	6	10
MAX WND SPD** Kts	50	59	76	71	53	53	500	42	47	40	52	66	76	28
MEAN CLD CVR 10th	6	7	6	6	6	6	5	5	5	5	6	6	6	10
D/W TSTORMS	2	2	4	7	9	9	9	7	4	2	3	1	59	33
D/W FOG VSBY <7mi	14	14	13	10	12	12	14	18	17	15	13	14	166	33

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure alt: e
= Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds * = Percentage of calm winds > mean direction
* = Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/0	0/1	0/1	0/0	0/0	0/2
Within 240NM	0/3	0/0	2/6	0/5	0/1	0/1	2/16

A W S CLIMATIC BRIEF October 1987		Station Name: EAKER (BLYTHEVILLE) AFB, AR Latitude/Longitude: N35 58 W089 57 Hourly Obs POR: Jul 77 to Jun 87 Summary of Day POR: Sep 42 to Dec 45 Nov 55 to May 58 Dec 59 to Jun 87 LST - GMT -6										Field Elev: 255 ft Station MSC: 723408 Call Sign: KBYH Supersedes: Jul 1983				
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VSBY LESS THAN 3000/3	00-02	28	26	16	10	11	2	3	3	7	13	25	24	14		
	03-05	28	28	19	14	7	7	9	11	14	16	29	30	18		
	06-08	30	33	26	15	11	11	15	21	23	22	32	31	23		
	09-11	29	33	25	16	7	7	8	9	14	17	31	31	20		
	12-14	28	34	22	14	6	6	5	6	8	14	30	29	17		
	15-17	29	28	21	10	3	3	2	3	6	12	27	25	15		
	18-20	26	24	17	8	1	1	1	3	5	10	25	23	13		
	21-23	26	26	16	8	1	1	1	2	5	11	23	24	13		
	00-24	28	29	20	12	5	5	6	7	10	14	28	27	17	10	
CIG/VSBY LESS THAN 1500/3	00-02	17	16	7	5	1	1	2	3	5	8	18	16	9		
	03-05	18	20	9	8	5	5	7	9	10	11	21	20	12		
	06-08	19	23	15	9	9	9	12	20	20	17	24	22	17		
	09-11	20	22	13	7	4	4	5	7	11	12	23	20	13		
	12-14	19	20	11	6	3	3	2	3	4	9	19	17	10		
	15-17	19	17	8	3	1	1	1	2	3	5	17	16	8		
	18-20	16	15	6	3	#	#	1	2	3	5	17	14	7		
	21-23	16	14	6	4	1	1	1	2	3	5	16	15	7		
	00-24	18	18	9	6	3	3	4	6	7	9	19	18	10	10	
CIG/VSBY LESS THAN 1000/2	00-02	15	11	5	3	1	1	#	1	2	6	12	12	6		
	03-05	14	15	6	4	3	3	3	4	6	8	15	15	8		
	06-08	14	18	9	5	4	4	5	9	12	12	17	17	11		
	09-11	15	15	8	3	1	1	2	3	5	8	14	15	8		
	12-14	16	12	5	3	1	1	#	1	2	4	11	13	6		
	15-17	16	11	5	2	#	#	#	1	1	3	11	12	5		
	18-20	14	9	5	2	0	0	#	1	#	4	10	12	5		
	21-23	14	10	5	2	#	#	0	#	1	4	10	11	5		
	00-24	15	13	6	3	1	1	1	3	4	6	13	13	7	10	
CIG/VSBY LESS THAN 200/1/2	00-02	4	3	1	0	0	0	0	#	#	1	2	1	1		
	03-05	4	2	2	#	0	0	0	1	1	2	2	3	1		
	06-08	4	3	1	#	#	#	0	#	1	1	2	3	1		
	09-11	2	1	1	#	0	0	#	0	#	#	2	1	1		
	12-14	3	#	#	0	#	#	0	0	0	0	#	1	#		
	15-17	2	#	1	0	0	0	0	0	0	#	#	1	#		
	18-20	3	1	1	0	0	0	#	0	0	#	1	1	1		
	21-23	3	1	#	0	0	0	0	0	0	#	#	1	#		
	00-24	3	1	1	#	#	#	#	#	#	1	1	2	1	10	

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: FT SMITH, AR
LOCATION: 35°20'N, 94°22'W
PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 723440
ELEVATION (FEET): 469
PERIOD: VARIED

ICAO ID: FSM
LST - GMT -6

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	75	81	94	88	105	101	106	104	100	94	85	77	106
MEAN DLY MAX	1	46	54	64	73	80	87	92	92	84	75	62	52	72
MEAN	1	34	40	51	60	68	76	81	80	72	61	50	40	60
MEAN DLY MIN	1	26	31	41	49	58	66	71	70	62	50	41	31	50
EXTREME MIN	1	-7	-4	12	23	39	48	56	54	37	27	9	0	-7
# DAYS > 90	1	0	0	#	0	2	11	24	22	10	2	0	0	71
# DAYS < 32	1	23	16	6	1	0	0	0	0	0	1	7	17	71
# DAYS ≤ 0	1	#	#	0	0	0	0	0	0	0	0	0	#	#
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	2.9	3.0	3.1	4.5	5.1	4.3	2.6	2.6	3.7	3.6	3.0	3.1	41.6
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	2	5.4	5.6	3.8	5.0	5.8	8.6	4.3	5.1	4.3	5.9	4.2	6.4	8.6
# DAYS > 0.01	2	8	8	9	10	11	9	8	8	7	7	7	8	100
# DAYS ≤ 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN	3	2.7	2.3	0.5	#	#	0	0	0	0	#	0.1	0.6	6.1
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1	1	6	4	1	#	0	0	0	0	0	0	1	2	14
# DAYS ≤ 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	80	80	78	82	87	88	89	88	88	86	83	81	84
RH (15 LST)	1	54	51	48	45	53	53	48	47	48	44	48	52	49
VAPOR PRESS	1	.15	.18	.25	.34	.49	.63	.71	.67	.56	.38	.26	.49	.40
DEWPOINT	1	25	30	38	46	57	65	68	67	61	49	39	30	48
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED														
(PVLG DRCTN)	1	8	8	9	8	7	6	6	6	6	6	7	8	8
MEAN SPEED														
(ALL OBS)	1	7	7	8	8	6	5	5	5	5	6	7	7	7
MAX (PK GST)	1	35	41	49	66	50	40	40	48	40	39	52	38	66
PRESSURE ALT	1	1100	1150	1100	1100	1150	800	600	600	800	850	950	950	1150
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	5	4	3	4	4	4	4	5	4
DAYS TSTMS	1	1	2	7	7	10	9	8	8	5	4	3	2	66
DAYS FOG < 7	1	9	9	7	5	9	6	6	9	9	9	7	7	92
DAYS BNBD < 7	1	0	#	0	0	#	0	0	0	0	0	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
 2. TERMINAL FORECASTING REFERENCE MANUAL FOR FT SMITH, DEC 56, POR 1921-1950
 3. UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS 1953-1963

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	21	18	11	10	4	2	3	9	10	17	22	13
03-05 LST	29	27	23	14	16	9	4	6	14	14	21	25	17
06-08 LST	33	33	30	19	19	12	9	15	23	22	27	30	23
09-11 LST	31	31	27	15	17	10	7	5	17	18	26	30	20
12-14 LST	27	25	20	13	14	6	4	2	11	13	19	26	15
15-17 LST	22	21	17	9	9	2	1	1	7	9	15	22	11
18-20 LST	20	19	14	9	8	2	1	1	6	7	13	21	10
21-23 LST	23	18	14	9	8	3	2	2	6	8	14	20	10
ALL HOURS	26	24	20	12	13	6	4	4	12	17	22	25	15

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	10	9	5	5	2	1	2	5	5	8	12	7
03-05 LST	18	13	11	7	10	5	3	5	9	8	11	11	9
06-08 LST	20	17	14	9	12	8	7	13	18	15	14	16	14
09-11 LST	20	17	12	5	17	3	3	2	9	10	12	16	9
12-14 LST	15	12	8	4	3	1	2	#	4	4	8	13	6
15-17 LST	11	8	6	3	4	2	1	#	3	4	6	11	5
18-20 LST	11	8	5	4	4	2	1	#	2	3	5	11	5
21-23 LST	12	7	6	3	4	1	1	#	3	4	7	11	5
ALL HOURS	15	12	9	5	6	3	2	3	7	8	12	13	7

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	5	3	3	1	1	1	4	4	6	8	4
03-05 LST	12	10	8	5	6	3	2	2	6	5	8	9	6
06-08 LST	15	12	9	5	7	5	3	6	11	11	9	10	8
09-11 LST	15	11	7	2	7	1	1	1	5	7	9	11	6
12-14 LST	11	6	5	1	1	1	1	#	2	2	5	9	4
15-17 LST	8	5	4	1	1	1	1	#	1	2	3	9	3
18-20 LST	8	5	3	2	2	1	1	#	1	2	3	7	3
21-23 LST	8	4	4	1	2	1	1	#	2	3	4	6	3
ALL HOURS	11	7	6	3	3	2	1	1	4	6	8	9	5

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	1	0	#	0	0	0	#	1	1	1	1
03-05 LST	3	2	1	#	2	1	#	#	2	2	1	2	1
06-08 LST	5	4	2	1	2	1	1	1	3	5	3	1	2
09-11 LST	5	2	1	0	0	0	0	0	#	1	1	1	1
12-14 LST	1	0	0	0	0	0	0	0	0	0	0	1	#
15-17 LST	1	0	#	0	0	0	0	0	0	0	0	1	#
18-20 LST	1	0	#	0	0	0	0	#	0	#	0	1	#
21-23 LST	1	0	1	0	0	#	0	0	0	#	#	1	#
ALL HOURS	2	1	1	#	#	#	#	#	1	2	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: FT SMITH, AR
LOCATION: 35°20'N, 94°22'W
PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 723440
ELEVATION (FEET): 469
PERIOD: VARIED

ICAO ID: FSM
LST - GMT -6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	2	3	4	3	1	2	1	1	1	#	2
03-05 LST	#	1	1	2	3	3	2	1	1	2	1	1	2
06-08 LST	#	1	1	1	2	2	2	1	1	2	1	1	1
09-11 LST	#	1	2	1	3	2	1	1	1	1	1	#	1
12-14 LST	#	#	2	1	2	2	2	1	1	1	1	#	1
15-17 LST	#	#	1	1	4	2	3	3	2	1	1	1	2
18-20 LST	#	#	2	3	4	4	3	3	1	2	1	1	2
21-23 LST	#	1	2	3	4	3	2	3	1	1	1	1	2
ALL HOURS	#	#	2	2	3	2	2	2	1	1	1	1	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	8	6	7	4	2	3	6	5	7	6	5
03-05 LST	4	4	6	5	8	5	3	3	8	7	8	6	6
06-08 LST	5	4	6	6	8	6	4	5	8	7	7	8	6
09-11 LST	4	4	8	8	9	5	3	4	7	7	7	7	6
12-14 LST	4	6	8	6	7	5	3	3	5	6	7	7	6
15-17 LST	5	4	6	6	8	4	3	3	6	6	7	8	6
18-20 LST	6	5	7	7	9	5	3	3	5	5	7	7	5
21-23 LST	5	7	9	7	8	3	2	3	6	5	8	6	6
ALL HOURS	5	5	7	6	8	5	3	3	6	6	7	7	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	1	0	0	0	0	0	0	0	1	1	1
03-05 LST	5	3	1	0	0	0	0	0	0	0	1	1	1
06-08 LST	4	4	1	#	0	0	0	0	0	0	1	1	1
09-11 LST	4	4	1	0	0	0	0	0	0	0	1	2	1
12-14 LST	4	3	1	#	0	0	0	0	0	0	1	2	1
15-17 LST	3	2	1	0	0	0	0	0	0	0	1	2	1
18-20 LST	4	3	#	0	0	0	0	0	0	0	#	2	1
21-23 LST	4	3	1	0	0	0	0	0	0	0	1	2	1
ALL HOURS	4	3	1	#	0	0	0	0	0	0	1	1	1

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	1	#	#	#	0	1	1	#	1
03-05 LST	#	1	1	1	1	#	#	0	#	#	1	1	1
06-08 LST	1	#	1	1	1	0	0	0	#	0	1	#	#
09-11 LST	1	2	2	3	1	#	0	0	#	1	2	1	1
12-14 LST	2	3	4	5	1	#	1	#	1	1	3	2	2
15-17 LST	1	4	6	5	2	#	1	1	1	#	2	1	2
18-20 LST	1	1	1	2	1	#	#	#	#	#	1	1	1
21-23 LST	1	1	1	3	1	1	#	1	#	#	1	#	1
ALL HOURS	1	2	2	3	1	#	#	#	#	#	1	1	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	5	4	3	2	1	#	1	3	3	6	8	4
03-05 LST	11	9	7	4	5	3	1	2	6	5	7	9	6
06-08 LST	14	11	8	5	6	4	3	6	11	10	8	9	8
09-11 LST	14	9	5	1	4	1	1	1	4	6	7	10	5
12-14 LST	9	5	3	1	1	1	1	#	2	2	4	9	3
15-17 LST	7	4	3	1	1	1	#	#	1	2	3	8	3
18-20 LST	7	4	3	2	1	1	#	#	1	2	3	7	3
21-23 LST	7	4	3	1	2	1	#	#	2	2	4	5	3
ALL HOURS	10	6	5	2	3	1	1	1	4	5	8	8	4

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	3	2	1	1	#	#	1	2	3	4	5	2
03-05 LST	8	6	5	2	4	2	1	2	4	4	4	6	4
06-08 LST	11	8	5	2	3	3	2	3	8	9	6	7	6
09-11 LST	11	6	1	1	3	1	1	#	2	4	4	7	3
12-14 LST	7	3	1	#	0	0	#	#	1	1	1	5	2
15-17 LST	4	2	1	1	#	#	#	#	#	1	2	5	1
18-20 LST	4	2	1	#	#	#	#	#	#	1	2	5	1
21-23 LST	5	3	1	0	1	#	#	#	1	1	2	4	1
ALL HOURS	7	4	2	1	1	1	#	1	2	4	5	5	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	1	1	#	1	#	0	#	1	2	1	3	1
03-05 LST	5	4	2	1	2	1	#	#	3	3	2	3	2
06-08 LST	7	6	3	1	2	1	1	2	5	6	4	4	3
09-11 LST	7	4	1	0	#	#	#	0	#	2	2	2	2
12-14 LST	3	1	#	0	0	0	0	0	#	0	0	1	#
15-17 LST	2	1	1	0	#	#	#	0	#	#	#	1	#
18-20 LST	2	1	1	0	0	#	0	#	0	#	#	2	1
21-23 LST	3	1	1	0	0	#	0	0	#	#	1	2	1
ALL HOURS	4	2	1	#	1	#	#	#	1	3	3	2	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	#	0	#	0	0	0	#	#	1	1	#
03-05 LST	1	1	1	#	1	#	0	0	1	1	1	1	1
06-08 LST	3	2	2	#	1	0	#	1	2	3	2	1	1
09-11 LST	2	1	1	0	0	0	0	0	0	1	1	#	#
12-14 LST	1	0	0	0	0	0	0	0	0	0	0	#	#
15-17 LST	#	0	#	0	0	0	0	0	0	0	0	#	0
18-20 LST	#	0	#	0	0	0	0	0	0	0	0	#	#
21-23 LST	1	0	#	0	0	#	0	0	0	0	0	#	#
ALL HOURS	1	1	1	0	#	#	#	#	#	1	1	1	#

PREPARED BY: USAFETAC MAY 1965				STATION NAME: LITTLE ROCK AFB AR LOCATION: N34 55 W092 09				PERIOD: MAR 56-NOV 64 ELEV: 311 FT				GWN LTR: KLR7 REC NO: 723405					
AWS CLIMATIC BRIEF																	
MONTH	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)				
	MEAN				MONTHLY				MONTHLY				MEAN				
	EXTREME				MONTHLY				MONTHLY				MEAN				
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
JAN	47	29	39	60	-3	3.8	11.5	-4	4.8	2	12	11	77	58	-14	24	
FEB	52	33	43	82	8	3.3	9.9	-9	3.5	2	13	9	78	57	-17	31	
MAR	61	52	52	92	16	5.0	9.6	1.0	3.7	1	6	5	76	59	-29	39	
APR	72	52	62	91	31	5.7	14.4	1.1	6.4	8	8	77	52	-34	48	800	
MAY	80	60	70	97	40	5.5	13.5	-7	4.2	0	0	82	58	-50	59	700	
JUN	87	68	78	102	57	7.9	8.9	-2	9.6	0	0	82	58	-57	67	550	
JUL	91	72	82	111	55	3.2	6.8	-6	4.0	0	0	83	56	-76	71	500	
AUG	90	70	81	110	55	3.4	9.0	-1	4.5	0	0	81	54	-71	69	450	
SEP	83	64	74	107	40	5.4	9.8	-3	9.6	0	0	83	59	-56	62	600	
OCT	74	52	63	94	29	3.6	14.7	8	3.2	0	0	80	50	-36	50	650	
NOV	61	41	52	84	15	5.1	11.1	1.1	5.3	1	7	5	79	55	-25	40	750
DEC	51	34	43	78	-1	9.7	10.2	1.1	3.7	1	8	78	59	-17	31	850	
ANN	71	51	62	111	-3	51.6	14.7	8	6.8	7	13	11	80	55	-36	50	750
BYR	29	29	29	29	29	29	29	29	29	29	29	29	10	10	10	10	10
REMARKS: MESSAGE FOR: HOURS OBSERVED WITHIN: A/B JUN JUL AUG SEP OCT NOV																	
Hourly Obs: DEC 74 - NOV 64 600H 0/0 0/0 0/0 0/1 0/0 0/1																	
Summary of Day Data: MAR 56 - NOV 64 (A) Hurricanes 1200H 0/1 0/0 0/1 0/2 0/0 0/4																	
(B) Tropical Storms 2400H 0/4 0/2 1/4 0/6 0/2 1/21																	
NOTE: * DATA NOT AVAILABLE * ANYTY < DATA BROKEN IN READING ** CONTINUED/REMOVED FROM RECORD *** SAME DATE & PLACE BOTH *** BASED ON < FULL MONTH																	
CAY FREQ (%)	00-02	24	24	18	15	16	8	5	5	6	10	10	10	10	10	10	
	03-05	29	27	23	20	24	17	11	17	17	19	18	26	27	22	15	
	06-08	29	32	30	25	28	22	18	26	29	25	25	30	31	27	15	
	09-11	27	33	30	23	23	17	12	15	17	21	21	28	31	23	15	
	12-14	24	29	23	16	16	13	6	6	11	17	23	28	28	17	15	
	15-17	23	23	18	12	11	5	3	2	7	11	17	23	23	13	15	
	18-20	22	21	15	10	10	3	3	3	6	9	17	21	21	12	15	
	21-23	24	20	17	11	12	4	3	3	7	11	19	21	21	13	15	
	ALL MRS	25	26	22	17	16	10	8	10	13	16	23	26	26	16	10	
	00-02	15	16	11	8	10	6	3	8	8	9	14	15	15	15	15	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	03-05	18	18	14	12	17	13	9	18	16	19	19	16	17	16	15	
	06-08	20	20	17	16	20	15	14	25	25	25	19	21	20	19	15	
	09-11	20	22	16	12	13	8	6	9	11	14	16	18	21	14	15	
	12-14	15	15	10	7	6	3	2	3	4	6	13	17	9	9	15	
	15-17	14	14	9	6	4	2	1	1	2	3	4	12	13	7	15	
	18-20	15	13	9	6	5	1	1	2	3	4	12	14	7	15	15	
	21-23	16	13	10	7	7	2	2	2	5	7	12	14	7	15	15	
	ALL MRS	17	16	12	9	10	6	5	8	9	10	15	16	11	10	10	
	00-02	12	12	8	5	6	3	1	2	6	7	11	12	12	7	15	
	03-05	13	15	11	8	11	6	5	8	10	10	13	13	13	10	15	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 1/2 MI	06-08	17	15	12	12	12	9	7	12	14	12	15	16	13	13	15	
	09-11	17	14	10	7	8	4	2	3	6	10	13	16	9	9	15	
	12-14	13	9	6	5	2	2	1	1	2	2	9	12	5	15	15	
	15-17	12	8	5	4	3	0	0	1	2	3	9	12	5	15	15	
	18-20	11	8	5	4	3	0	0	1	1	4	5	9	11	6	15	
	21-23	12	8	7	5	4	1	1	1	1	4	5	9	11	6	15	
	ALL MRS	13	11	8	6	6	4	2	4	6	7	11	13	8	10	10	
	00-02	2	2	2	1	1	1	1	1	1	2	2	3	4	2	15	
	03-05	4	4	2	2	1	1	1	1	1	3	3	3	3	2	15	
	06-08	3	3	3	3	1	1	1	1	1	3	3	3	3	2	15	
	09-11	3	1	1	0	0	0	0	0	0	1	1	2	1	1	15	
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1/2 MI	12-14	2	0	0	0	0	0	0	0	0	0	0	1	0	0	15	
	15-17	2	0	0	0	0	0	0	0	0	0	0	1	0	0	15	
	18-20	2	0	0	0	0	0	0	0	0	0	0	1	0	0	15	
	21-23	3	1	0	0	0	0	0	0	0	1	2	1	1	0	15	
	ALL MRS	3	1	1	0	0	0	0	0	0	1	1	2	2	1	10	

[illegible]

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAMPO (AWRS) CA
LOCATION: 3237N 11628W
PREPARED BY: USAFETAC/ECO, JUN 1990

STATION #: 747186
ELEVATION (FEET): 2631
PERIOD: 7301-8812

ICAO: MCZZ
LST = GMT -8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	81	85	86	90	100	103	102	103	104	99	89	87 104
MEAN DAILY MAX	1	59	62	62	68	75	84	90	89	84	76	66	60 73
MEAN	1	52	55	55	61	66	75	81	80	75	68	59	53 65
MEAN DAILY MIN	1	40	40	42	46	49	54	59	58	54	49	43	39 48
EXTREME MIN	1	20	22	22	27	31	38	39	39	35	29	19	18 18
# DAYS GE 90	1	0	0	0	#	2	10	18	18	10	2	0	0 60
# DAYS LE 32	1	5	5	2	#	#	0	0	0	0	#	2	6 21
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0 0
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	72	75	80	76	81	70	71	74	77	75	70	71 74
RH (15 LST)	1	47	46	51	43	43	35	35	37	41	41	53	54 41
VAPOR PRESS	1	.21	.21	.24	.26	.31	.33	.40	.41	.38	.29	.22	.20 .29
DEWPOINT	1	33	34	38	39	44	46	51	52	49	42	35	32 41
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	ENE	ENE	SW	SW	SW	SW	SW	SW	SW	SW	SW	ENE SW
MEAN SPEED													
(PVLG DRCTN)	1	12	13	10	11	11	11	11	11	10	10	9	12 11
MEAN SPEED													
(ALL OBS)	1	9	9	9	9	9	8	8	7	8	8	8	8 8
MAX PEAK GUST	1	45	50	30	40	30	30	25	25	37	50	45	40 50
PRESSURE ALT	1	2700	2660	2680	2630	2640	2640	2630	2640	2630	2620	2480	2550 2700
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	3	2	2	1	1	1	1	2	2	2 2
DAYS TSTMS	1	0	0	#	0	#	#	3	3	1	#	#	# 8
DAYS FOG LT 7	1	7	6	10	8	7	3	1	2	3	5	5	5 63
DAYS BNBD LT 7	1	#	#	0	0	0	0	0	0	0	0	0	0 0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	18	18	32	28	21	9	2	5	10	14	16	13	15
09-11 LST	15	15	16	10	8	1	#	1	4	6	10	11	8
12-14 LST	11	11	15	6	4	1	1	2	2	3	7	10	6
15-17 LST	14	12	16	6	8	2	1	2	4	6	8	10	7
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	6	*

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	15	16	27	22	16	6	2	4	8	11	12	11	13
09-11 LST	11	11	11	6	4	1	0	1	1	4	6	7	5
12-14 LST	6	7	10	4	2	1	#	1	1	2	5	6	4
15-17 LST	10	10	9	4	5	1	#	2	1	3	5	7	5
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	13	15	24	19	14	5	2	4	7	10	12	10	11
09-11 LST	10	9	10	5	3	1	0	#	1	3	6	7	5
12-14 LST	4	6	9	3	2	#	#	1	#	1	5	5	3
15-17 LST	8	9	8	3	4	1	#	1	1	3	4	6	4
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	4	5	6	5	4	2	1	2	3	4	4	3	3
09-11 LST	2	2	2	#	#	0	0	0	#	1	1	1	1
12-14 LST	2	2	1	1	#	0	0	0	0	#	1	0	1
15-17 LST	2	1	1	#	1	#	0	#	#	#	1	1	1
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
\$ = % CALM GT PVLGN DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 1973 - DEC 1988
2. NATIONAL INTELLIGENCE SURVEY, MEXICO, NIS 70

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAMPO (AWRS) CA
 LOCATION: 3237N 11628W
 PREPARED BY: USAFETAC/ECO, JUN 1990

STATION #: 747186
 ELEVATION (FEET): 2631
 PERIOD: 7301-8812

ICAO: MCZZ
 LST = GMT -8

11. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	0	*	*	*
06-08 LST	0	0	0	0	0	#	0	#	#	0	0	0	#
09-11 LST	0	0	#	0	0	0	#	1	#	0	#	0	#
12-14 LST	0	0	0	0	#	0	6	6	2	#	0	0	1
15-17 LST	0	0	#	0	0	0	2	2	1	#	#	#	#
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

12. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	0	*	*	*
06-08 LST	6	5	8	4	2	#	0	1	1	2	5	4	3
09-11 LST	6	6	5	2	1	0	0	#	1	2	3	4	2
12-14 LST	4	3	6	1	1	#	1	2	1	1	4	4	2
15-17 LST	5	6	6	2	1	0	1	1	2	2	3	3	3
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

13. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	0	*	*	*
06-08 LST	#	0	#	0	0	0	0	0	0	0	0	#	#
09-11 LST	#	#	#	0	0	0	0	0	0	0	#	#	#
12-14 LST	#	0	#	0	0	0	0	0	0	0	0	#	#
15-17 LST	#	#	#	#	0	0	0	0	0	0	#	#	#
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

14. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	0	*	*	*
06-08 LST	2	1	1	#	1	1	0	#	#	1	#	1	1
09-11 LST	5	3	3	2	1	1	0	0	1	4	3	3	2
12-14 LST	5	4	3	2	1	1	#	#	#	1	3	6	2
15-17 LST	3	2	1	#	1	0	#	0	1	1	2	2	1
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

15. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	10	11	16	12	8	4	1	3	6	8	10	7	8
09-11 LST	7	6	6	2	2	0	0	#	1	2	4	4	3
12-14 LST	3	4	7	2	1	0	#	#	#	1	4	4	2
15-17 LST	5	5	6	2	3	1	#	1	1	1	3	4	3
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

16. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	9	10	14	11	7	4	1	3	6	8	9	5	7
09-11 LST	6	6	5	2	2	0	0	#	1	2	4	4	3
12-14 LST	3	4	6	2	1	0	#	#	#	1	3	2	2
15-17 LST	5	5	5	1	2	1	#	1	1	1	3	3	2
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	0
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

17. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	6	7	10	7	5	3	1	2	4	5	5	4	5
09-11 LST	4	3	3	1	1	0	0	0	1	1	2	2	2
12-14 LST	2	2	4	2	#	0	0	0	#	#	2	1	1
15-17 LST	3	4	2	1	1	#	0	#	1	1	2	2	1
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

18. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	0	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	0	*	*	*	*	*	*	*
06-08 LST	3	4	6	5	3	2	1	2	3	4	3	2	3
09-11 LST	2	2	2	#	#	0	0	0	#	1	1	#	1
12-14 LST	1	1	1	#	#	0	0	0	0	#	0	0	#
15-17 LST	1	1	1	#	1	#	0	#	#	#	#	1	1
18-20 LST	0	*	*	*	*	*	*	0	*	0	*	*	*
21-23 LST	*	*	*	*	0	*	*	*	*	0	0	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 1973 - DEC 1988
 2. NATIONAL INTELLIGENCE SURVEY, MEXICO, NIS 70

[illegible]

A W S	STATION NAME: EDWARDS AFB CA												FIELD ELEV: 2302 FT	
CLIMATIC BRIEF (LIMITED)	LATITUDE/LONGITUDE: 34 54 N 117 53 W												STATION MSC: 723810	
	HOURLY OBS POR: MAR 79 - FEB 89												CALL SIGN: KEDW	
	SUMMARY OF DAY POR: JAN 42 - DEC 73 (FULL TIME), JAN 74 - FEB 89 (PART TIME)												SUPERSEDES: JAN 85	
MAR 90	HOURS SUMMARIZED: 00-23 LST (4201-7312), 05-21 LST (7401-8902)													
	LST TO UTC: +08													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	83	82	87	101	105	112	113	112	109	102	87	84	113	47
MEAN MAX TEMP (F)	57	61	65	72	81	91	98	97	90	79	65	57	76	47
MEAN TEMP (F)	44	48	52	59	66	75	82	81	74	63	51	44	62	47
MEAN MIN TEMP (F)	31	35	39	44	51	59	66	64	57	47	36	31	47	47
EXTRM MIN TEMP (F)	4	14	19	27	32	41	47	47	34	20	13	7	4	47
D/W TEMP GE 100 (F)	0	0	0	#	1	5	15	11	4	#	0	0	36	47
D/W TEMP GE 90 (F)	0	0	0	1	7	18	29	27	18	4	0	0	104	47
D/W TEMP LT 40 (F)	26	21	16	7	1	0	0	0	#	5	20	27	123	47
D/W TEMP LT 33 (F)	19	11	5	1	#	0	0	0	0	1	10	20	67	47
HEATING DEGREE DAYS	657	479	394	204	72	10	0	#	6	114	415	649	3000	31
COOLING DEGREE DAYS	0	0	#	27	120	296	547	497	290	59	#	0	1836	31
MEAN DEWPOINT TEMP (F)	29	30	33	33	38	40	43	45	42	34	30	27	35	10
MEAN WET BULB TEMP (F)	40	42	45	49	54	59	62	62	58	51	44	39	50	10
99.95% WCPA (FT)	2550	2550	2600	2500	2500	2450	2450	2450	2500	2500	2550	2500	2550	10
MEAN REL HUM 07 LST(%)	69.9	66.3	66.2	53.6	48.0	38.5	37.3	41.4	48.5	50.2	58.7	63.4	53.4	10
MEAN REL HUM 13 LST(%)	39.8	35.7	36.4	25.9	22.4	17.4	16.9	19.6	22.0	24.1	31.9	39.5	27.5	10
MAX 24HR PRECIP (IN)	2.72	2.49	3.38	1.18	.60	.37	.37	.91	1.22	1.28	1.49	1.57	3.38	47
MAX PRECIP (IN)	5.53	4.40	5.68	1.76	.72	.38	.45	1.79	1.32	1.65	3.45	4.42	15.68	47
MEAN PRECIP (IN)	.94	.84	.84	.28	.06	.04	.05	.18	.16	.23	.57	.71	4.94	47
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.85	47
D/W PRECIP GE .01 (IN)	4	3	4	2	1	1	1	1	1	1	2	3	24	47
D/W PRECIP GT .50 (IN)	1	1	1	#	#	0	0	#	#	#	1	1	5	47
MAX 24HR SNFL (IN)	6.5	1.8	1.4	#	0	0	0	0	0	0	3.8	6.3	6.5	43
MAX SNFL (IN)	11.5	2.6	1.4	#	0	0	0	0	0	0	3.8	8.6	11.5	43
MEAN SNFL (IN)	.9	.1	.1	#	0	0	0	0	0	0	.1	.5	1.6	43
D/W SNFL GE .1 (IN)	1	#	1	0	0	0	0	0	0	0	#	1	3	43
D/W SNFL GE 1.5 (IN)	1	#	0	0	0	0	0	0	0	0	#	#	1	43
MAX DLY SNO DEPTH (IN)	9	5	1	0	0	0	0	0	0	0	2	3	9	43
PRVING WND DIR (DEG)	\$23-25	\$23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	\$27-25	\$23-25	\$23-25	23-25	10
MEAN WND SPD (KTS)	4	5	7	8	9	8	8	7	6	5	5	4	6	10
MAX WND SPD (KTS)	52	58	64	52	54	51	51	53	65	65	48	50	65	43
SKY COVER GT 5/10 (%)	40.0	46.6	39.0	33.4	23.0	14.6	15.0	13.6	17.0	24.1	31.0	41.3	28.3	10
D/W THUNDERSTORMS	#	#	1	1	1	1	1	2	1	1	1	#	10	40
D/W FOG (VSBY LT 7 MI)	3	2	1	1	1	#	#	1	1	1	1	2	14	40
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	05 - 05	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.4	1.6	8.3	1.1	10
	06 - 08	2.0	4.8	.9	.4	.0	.0	.0	.0	.4	.0	1.4	5.2	1.3	10
	09 - 11	1.5	4.4	1.3	.1	.0	.0	.0	.0	.0	.0	1.5	4.3	1.1	10
	12 - 14	1.6	3.1	1.4	.0	.0	.0	.0	.0	.0	.1	.8	3.9	.9	10
	15 - 17	1.1	2.0	1.7	.0	.0	.0	.0	.0	.0	.2	1.1	2.7	.7	10
	18 - 20	1.1	1.5	1.5	.0	.0	.0	.0	.0	.0	.3	.6	2.2	.6	10
	21 - 21	.7	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	.7	1.5	.4	10
ALL	1.4	3.0	1.3	.1	.0	.0	.0	.0	.0	.1	.1	1.1	3.6	.9	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	05 - 05	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.4	1.6	8.3	1.1	10
	06 - 08	1.3	4.0	.4	.1	.0	.0	.0	.0	.3	.0	.5	5.1	1.0	10
	09 - 11	1.0	2.8	.4	.0	.0	.0	.0	.0	.0	.0	.3	4.2	.7	10
	12 - 14	.4	1.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	2.4	.4	10
	15 - 17	.6	1.3	1.1	.0	.0	.0	.0	.0	.0	.1	.0	1.6	.4	10
	18 - 20	.3	.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.3	10
	21 - 21	.0	.4	.6	.0	.0	.0	.0	.0	.0	.0	.3	1.1	.2	10
	ALL	.7	1.9	.6	.0	.0	.0	.0	.0	.0	.1	.1	.2	2.9	.5
CIG LT 1000 FT AND/OR VSBY LT 2 MI	05 - 05	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6	8.3	.9	10
	06 - 08	.4	3.1	.0	.0	.0	.0	.0	.0	.1	.0	.5	4.4	.7	10
	09 - 11	.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	.4	10
	12 - 14	.1	.7	.1	.0	.0	.0	.0	.0	.0	.1	.0	1.9	.2	10
	15 - 17	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.1	10
	18 - 20	.0	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.2	10
	21 - 21	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.1	.1	10
	ALL	.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	05 - 05	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.3	.4	10
	06 - 08	.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	.3	10
	09 - 11	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.1	10
	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	18 - 20	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	10
	21 - 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	10
	ALL	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.1	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:															
HR/TS	JUL	AUG	SEP	ANN											
60NM	0/0	0/0	0/0	0/0											
120NM	0/0	0/0	0/0	0/0											
240NM	0/0	0/3	0/0	0/3											
REMARKS : @ SUMMARY OF DAY (SOD) DATA DERIVED EXCLUSIVELY FROM EDWARDS AFB CA.															

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: FORT HUNTER LIGGETT, CA
LOCATION: 36°00'N, 121°19'W
PREPARED BY USAFETAC/ECR JAN 1986

STATION #: 723914
ELEVATION (FEET): 1050
PERIOD: VARIED

ICAO ID:
LST - GMT -8

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	#1	75	73	82	95	97	102	108	105	104	105	88	80	108
MEAN DLY MAX	2	58	61	63	68	78	85	93	93	87	77	65	58	74
MEAN	#1	49	53	54	59	65	72	79	75	73	65	56	50	63
MEAN DLY MIN	2	35	37	37	38	43	49	52	52	49	44	39	35	43
EXTREME MIN	#1	23	23	29	28	32	34	42	39	37	31	23	18	18
# DAYS > 90	#1	0	0	0	#	2	6	14	8	8	1	0	0	39
# DAYS < 32	#1	8	4	2	1	#	0	0	0	0	1	4	7	27
# DAYS < 0	#1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	3	2.3	1.3	4.8	3.8	0	0	0.1	0.1	#	1.6	10.4	4.2	10.4
MEAN	3	1.8	0.9	2.6	2.2	0	0	0.1	0.1	#	0.8	6.5	4.0	18.8
MINIMUM	3	1.3	0.7	0.1	0.1	0	0	0.1	0.1	#	#	2.6	3.7	0
MAX 24 HR	#	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/PRECIP	#1	7	7	10	4	1	1	1	1	1	1	5	4	43
3. SNOWFALL (INCHES)														
MEAN	#	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	#	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	#	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/SNOWFALL	#1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	2	95	95	94	93	85	84	69	70	77	81	92	93	86
RH (15 LST)	2	51	50	48	41	35	32	25	25	28	33	45	53	39
VAPOR PRESS	#1	.25	.27	.28	.28	.32	.36	.38	.39	.37	.31	.28	.26	.32
DEWPOINT	#1	39	42	43	43	46	49	51	52	50	45	42	40	45
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	#1	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S
MEAN SPEED (PVLG DRCTN)	#1	3	4	4	3	3	3	3	4	4	3	3	3	3
MEAN SPEED (ALL OBS)	#1	3	3	4	3	3	3	3	3	3	3	2	2	3
MAX (PK GST)	#1	28	40	31	24	21	16	19	18	22	20	30	47	47
PRESSURE ALT	#1	1700	1400	1600	1300	1250	1250	1250	1200	1350	1100	1700	1350	1700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	#1	4	6	6	4	3	2	1	2	2	3	5	4	3
DAYS TSTMS	#1	0	1	1	1	0	0	#	1	#	0	#	0	4
DAYS FOG <7	#1	4	5	4	2	4	2	1	2	1	1	3	5	32
DAYS BNBD <7	#1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR MAR 79-OCT 85, HOURLY 0600-1600 LST
 2. CLIMATE STUDY, FORT HUNTER LIGGETT CA 1964-1977, HOURLY 0000-2400 LST
 3. RUSSWO JUL 64 - APR 67

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	28	27	28	17	21	15	7	10	8	7	12	21	17
09-11 LST	22	24	27	11	8	2	5	4	2	5	9	20	12
12-14 LST	21	16	26	11	5	#	2	#	2	3	11	13	9
15-17 LST	19	16	24	12	4	0	1	0	2	5	12	7	9
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	19	16	10	13	10	5	8	6	4	9	17	11
09-11 LST	13	17	11	4	2	1	3	3	1	1	7	15	7
12-14 LST	10	10	5	2	0	0	1	#	1	1	5	6	3
15-17 LST	10	7	4	1	0	0	1	0	1	0	7	6	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	17	14	6	12	7	3	6	3	2	9	15	9
09-11 LST	10	15	7	1	1	#	2	1	#	#	6	13	4
12-14 LST	6	5	1	#	0	0	1	0	0	0	4	5	2
15-17 LST	6	6	1	1	0	0	1	0	0	0	5	5	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	7	6	2	2	0	0	0	1	0	3	8	3
09-11 LST	3	2	#	0	0	0	0	0	0	0	1	6	1
12-14 LST	0	0	0	0	0	0	0	0	0	0	1	0	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	1	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: FORT HUNTER LIGGETT, CA
LOCATION: 36°00'N, 121°19'W
PREPARED BY USAFETAC/ECR JAN 1986

STATION #: 723914
ELEVATION (FEET): 1050
PERIOD: VARIED

ICAO ID:
LST - GMT -8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	1	0	#	0	0	0	0	0	0	1	0	#
09-11 LST	0	0	0	0	0	0	#	1	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	1	1	0	0	0	0	1	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	12	13	3	1	1	2	1	2	2	8	6	5
09-11 LST	11	12	15	4	1	#	1	1	2	2	5	7	5
12-14 LST	13	10	17	6	#	0	1	1	2	1	10	7	6
15-17 LST	14	10	16	8	2	0	1	0	3	2	13	7	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	#	0	#
12-14 LST	0	2	1	0	0	0	0	0	0	0	#	1	#
15-17 LST	2	0	1	0	0	0	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR MAR 79 - OCT 85, HOURLY 0600-1600 LST
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	17	14	5	10	6	2	5	2	2	9	15	7
09-11 LST	9	14	7	1	#	0	1	1	#	#	6	12	4
12-14 LST	5	4	1	#	0	0	1	0	0	0	3	5	2
15-17 LST	5	5	1	1	0	0	1	0	0	0	4	5	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	14	10	3	7	3	1	3	2	2	8	13	6
09-11 LST	7	8	4	0	0	0	1	#	0	0	5	8	3
12-14 LST	3	2	1	0	0	0	0	0	0	0	3	4	1
15-17 LST	3	3	1	1	0	0	0	0	0	0	3	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	12	9	2	4	1	1	1	1	1	3	11	3
09-11 LST	6	5	3	0	0	0	1	0	0	0	1	7	2
12-14 LST	#	1	1	0	0	0	0	0	0	0	1	#	#
15-17 LST	1	1	0	1	0	0	0	0	0	0	2	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	3	2	1	2	0	0	0	#	0	0	6	1
09-11 LST	1	#	0	0	0	0	0	0	0	0	0	4	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

A W S CLIMATIC BRIEF JUL 92	STATION NAME: PORT ORD/FRITZCHE AAF CA												FIELD ELEV: 134 FT		
	LATITUDE/LONGITUDE: 36 41 N 121 46 W												STATION MSC: 690070		
	HOURLY OBS FOR: AUG 76 - JUL 91												CALL SIGN: ROAR		
	SUMMARY OF DAY FOR: APR 60-MAR 65, MAY 66-JUL 91												SUPERSEDES: NOV 86		
HOURS SUMMARIZED: 0000 - 2300 LST															
LST TO UTC: +08															
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTREM MAX TEMP (F)	81	82	85	93	92	98	97	84	98	103	90	82	103	30	
MEAN MAX TEMP (F)	60	61	60	62	62	64	65	66	69	68	64	60	63	30	
MEAN TEMP (F)	50	52	53	55	56	59	60	61	62	60	55	51	56	30	
MEAN MIN TEMP (F)	40	43	45	47	50	53	54	55	54	50	45	41	48	30	
EXTRM MIN TEMP (F)	23	24	28	33	37	40	41	44	42	31	28	24	23	30	
D/W TEMP GE 100 (F)	0	0	0	0	0	0	0	0	0	1	0	0	1	30	
D/W TEMP GE 90 (F)	0	0	0	1	#	1	#	0	1	1	#	0	4	30	
D/W TEMP LT 40 (F)	14	8	6	2	1	0	0	0	0	1	6	12	50	30	
D/W TEMP LT 33 (F)	4	1	1	0	0	0	0	0	0	#	1	3	10	30	
HEATING DEGREE DAYS	525	366	447	410	318	246	202	187	115	152	321	463	3752	5	
COOLING DEGREE DAYS	0	#	0	0	1	0	0	0	9	10	1	0	21	5	
MEAN DEWPOINT TEMP (F)	41	43	45	45	47	50	53	53	53	50	44	40	47	15	
MEAN WET BULB TEMP (F)	46	48	49	50	52	54	56	57	57	54	49	46	52	15	
99.95% WCPA (FT)	500	550	550	350	350	350	300	350	400	350	400	400	450	15	
MEAN REL HUM 07 LST(%)	77.8	79.4	79.6	77.2	77.5	79.2	83.4	82.1	82.9	80.9	77.2	74.1	79.4	15	
MEAN REL HUM 13 LST(%)	62.4	63.8	64.7	63.0	64.8	67.2	70.9	68.8	67.1	64.3	59.4	59.4	64.7	15	
MAX 24HR PRECIP (IN)	2.43	1.93	2.69	1.51	1.35	.31	.67	.55	1.29	1.14	2.35	2.56	2.69	31	
MAX PRECIP (IN)	7.68	6.93	8.24	6.56	2.04	.38	.69	.60	1.46	1.72	4.97	4.50	31.32	31	
MEAN PRECIP (IN)	2.88	2.22	2.35	1.54	.13	.07	.13	.09	.12	.57	1.82	2.20	14.77	31	
MIN PRECIP (IN)	.16	.15	.03	.00	#	#	#	#	#	#	.06	.17	7.21	31	
D/W PRECIP GE .01 (IN)	9	8	9	6	3	1	1	1	2	4	8	8	60	31	
D/W PRECIP GT .50 (IN)	2	1	2	1	#	0	#	#	#	1	1	1	9	31	
MAX 24HR SNFL (IN)	4.1	#	#	#	0	0	0	0	0	0	#	#	4.1	31	
MAX SNFL (IN)	4.1	#	#	#	0	0	0	0	0	0	#	#	4.1	31	
MEAN SNFL (IN)	.2	#	#	#	0	0	0	0	0	0	#	#	#	31	
D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31	
D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31	
MAX DLY SNO DEPTH (IN)	1	0	0	0	0	0	0	0	0	0	0	0	1	31	
PRVING WND DIR (DEG)	\$11-13	\$29-31	29-31	26-28	26-28	26-28	26-28	26-28	26-28	26-28	\$11-13	\$11-13	26-28	15	
MEAN WND SPD (KTS)	4	5	5	6	7	6	6	6	5	4	4	4	5	15	
MAX WND SPD (KTS)	44	50	42	40	40	38	26	32	30	40	42	46	50	34	
SKY COVER GT 5/10 (%)	51.2	54.2	55.9	51.9	50.0	51.9	60.2	59.5	49.9	49.8	46.7	46.0	52.4	15	
D/W THUNDERSTORMS	1	1	1	1	#	#	#	1	1	1	1	#	8	31	
D/W FOG (VSBY LT 7 MI)	10	11	10	10	13	15	22	22	18	16	12	11	170	31	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	16.4	19.0	25.6	28.8	30.3	56.9	65.4	66.1	54.1	51.7	19.9	16.7	37.6	15
	03 - 05	21.5	21.1	28.3	34.0	48.9	66.0	73.6	74.2	61.9	50.5	19.5	12.5	42.7	15
	06 - 08	17.3	24.3	25.9	34.6	47.6	63.0	74.3	74.3	57.3	48.3	20.6	16.7	42.0	15
	09 - 11	12.6	14.0	15.7	18.2	26.9	39.5	49.2	46.2	30.4	27.4	13.2	11.8	25.4	15
	12 - 14	6.9	7.5	9.2	10.1	15.5	20.9	30.5	25.9	15.9	15.7	8.1	7.0	14.4	15
	15 - 17	5.8	9.1	11.3	12.1	21.1	27.8	44.4	38.7	25.5	24.3	11.9	6.8	19.9	15
	18 - 20	10.8	12.5	16.6	17.2	26.1	40.2	57.8	54.4	36.6	34.8	15.0	9.4	27.6	15
	21 - 23	11.3	15.5	20.0	19.2	25.4	43.7	59.4	55.8	42.2	38.1	15.1	14.9	30.0	15
	ALL	11.6	14.3	17.6	20.2	29.3	42.4	54.7	51.6	37.3	33.4	14.4	11.1	28.6	15
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	11.3	13.4	17.1	16.8	20.9	48.6	62.2	58.3	46.5	45.7	14.4	14.0	30.8	15
	03 - 05	14.1	15.8	20.2	22.6	34.2	54.1	70.1	66.8	48.4	42.6	13.2	9.2	34.3	15
	06 - 08	10.5	17.8	16.4	24.5	33.3	50.7	69.3	67.5	47.7	42.2	14.8	11.8	33.9	15
	09 - 11	6.3	9.2	8.9	9.2	16.2	27.9	43.3	37.8	22.9	23.0	9.4	6.5	18.4	15
	12 - 14	2.4	3.5	5.3	6.3	10.7	14.3	26.8	21.8	12.6	12.7	4.4	2.9	10.3	15
	15 - 17	2.3	5.7	7.7	7.7	17.3	23.8	42.0	35.8	23.3	21.1	7.8	3.6	16.5	15
	18 - 20	5.7	7.9	10.1	11.3	19.9	36.5	55.7	51.3	32.4	29.9	10.6	6.2	23.1	15
	21 - 23	6.7	10.1	13.0	11.9	18.9	38.0	56.6	51.2	38.0	32.9	11.0	9.6	24.8	15
	ALL	6.3	9.5	11.2	12.8	20.7	34.3	51.0	46.1	31.2	28.7	9.9	6.9	22.8	15
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	6.6	12.2	13.4	14.7	17.0	39.5	55.3	50.3	40.7	36.9	12.5	10.2	25.8	15
	03 - 05	8.1	12.1	17.4	19.3	28.9	44.1	63.5	57.5	42.4	37.7	12.1	8.4	29.3	15
	06 - 08	6.9	14.8	13.1	19.3	27.2	39.0	61.5	58.9	41.6	37.4	12.2	9.7	28.5	15
	09 - 11	4.1	7.0	6.0	5.9	8.5	15.9	31.0	24.9	16.2	16.5	6.0	4.7	12.2	15
	12 - 14	1.0	.9	2.9	2.9	5.3	5.2	14.7	11.9	8.6	9.1	2.5	1.5	5.5	15
	15 - 17	1.5	3.6	5.3	4.7	11.0	12.8	31.0	27.2	18.7	18.2	6.2	2.3	11.9	15
	18 - 20	3.1	5.8	6.6	8.2	15.4	24.4	49.3	41.9	28.9	24.2	8.4	5.3	18.5	15
	21 - 23	3.7	7.1	8.7	9.1	15.0	30.2	53.0	43.2	31.8	27.6	8.7	7.7	20.5	15
	ALL	3.8	7.0	8.1	9.4	15.1	23.8	42.1	36.5	25.9	23.7	7.7	5.3	17.7	15
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	5.0	5.3	4.8	3.5	2.4	9.8	15.7	9.1	9.0	11.9	5.5	5.7	7.3	15
	03 - 05	5.6	5.8	6.4	5.4	7.0	8.9	16.6	11.4	14.2	13.6	6.3	4.3	8.8	15
	06 - 08	3.9	7.7	5.4	5.0	4.2	5.4	9.9	9.7	13.3	14.2	6.4	5.5	7.5	15
	09 - 11	1.3	1.6	.5	.2	.0	.0	.0	.0	.2	1.2	2.3	1.7	.7	15
	12 - 14	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.2	.0	.0	15
	15 - 17	.2	.4	.5	.3	.1	.0	.0	.0	.4	.8	.5	.3	.3	15
	18 - 20	.7	2.0	1.0	.2	.2	.5	5.4	1.8	3.6	4.7	1.4	1.7	1.9	15
	21 - 23	1.6	3.5	1.1	.9	1.0	3.7	10.7	3.7	6.2	8.3	2.8	4.0	4.0	15
	ALL	1.7	2.8	1.9	1.6	1.6	2.7	5.8	3.6	4.9	5.7	2.6	2.3	3.1	15

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @@MOST OF THE DATA FOR THIS STATION IS PART TIME. THIS FACT ATTRIBUTES TO THE HIGH TEMPERATURE VALUE OF 93 DEGREES FAHRENHEIT FOR AUGUST (1968) NOT BEING LISTED ON THIS SUMMARY.

A W S CLIMATIC BRIEF SEP 89	STATION NAME: FRESNO AIR TERMINAL CA LATITUDE/LONGITUDE: 36 46 N 119 43 W HOURLY OBS POR: JAN 79 - DEC 88 SUMMARY OF DAY POR: SEP 49-DEC 88 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +08												FIELD ELEV: 332 FT STATION MSC: 723890 CALL SIGN: KFAT SUPERCEDES: FEB 81		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	78	80	90	100	107	110	111	111	111	102	89	76	111	39
	MEAN MAX TEMP (F)	54.1	61.6	66.5	74.2	83.3	91.5	98.1	96.0	90.2	79.8	65.1	54.3	76.3	39
	MEAN TEMP (F)	45.9	51.1	54.8	60.9	68.6	75.8	81.6	79.7	74.6	65.2	53.8	45.9	63.2	39
	MEAN MIN TEMP (F)	37.1	40.1	42.6	47.0	53.3	59.6	64.7	62.9	58.5	50.1	41.9	36.9	49.6	39
	EXTRM MIN TEMP (F)	19	25	26	32	36	44	50	49	37	27	26	20	19	39
	D/W TEMP GE 105 (F)	0	0	0	0	#	2	4	2	1	0	0	0	9	39
	D/W TEMP GE 90 (F)	0	0	#	2	9	18	28	26	17	4	0	0	104	39
	D/W TEMP LT 40 (F)	20	14	9	2	#	0	0	0	#	1	11	21	78	39
	D/W TEMP LT 33 (F)	8	4	1	#	0	0	0	0	0	#	2	8	23	39
	HEATING DEGREE DAYS	575	377	316	144	42	3	#	#	2	63	330	565	2417	39
	COOLING DEGREE DAYS		#	1	38	156	339	523	458	303	93	1	#	1912	39
	MEAN DEWPOINT TEMP (F)	40.9	43.6	44.4	43.8	45.7	49.1	52.5	54.6	51.6	48.5	43.9	40.6	46.6	10
	MEAN WET BULB TEMP (F)	43.7	47.6	49.8	52.6	56.8	61.3	64.7	65.2	61.5	56.2	48.5	43.3	54.3	10
	99.95% WCPA (FT)	650	650	650	600	650	600	650	600	650	550	600	550	700	10
	MEAN REL HUM 07 LST(%)	90.2	88.9	83.4	71.4	60.0	53.6	52.1	59.3	64.0	74.1	85.5	90.7	72.7	10
	MEAN REL HUM 13 LST(%)	73.0	61.2	53.4	37.9	30.2	27.2	25.5	28.5	32.0	39.3	57.2	72.6	44.8	10
	MAX 24HR PRECIP (IN)	2.21	1.83	1.55	1.39	.86	.60	.08	.25	.92	1.46	1.35	1.72	2.21	39
	MAX PRECIP (IN)	8.56	5.97	5.79	4.41	1.56	.60	.08	.25	1.19	1.58	3.50	6.73	21.61	39
	MEAN PRECIP (IN)	2.06	1.81	1.80	1.10	.28	.08	.01	.02	.19	.46	1.33	1.58	10.80	39
	MIN PRECIP (IN)	.04	#	.00	.02	.00	.00	.00	.00	.00	.00	.00	.07	6.07	39
	D/W PRECIP GE .01 (IN)	8	7	7	4	2	1	1	1	1	2	6	7	47	39
	D/W PRECIP GT .50 (IN)	1	1	1	1	#	#	0	0	#	1	1	1	7	39
	MAX 24HR SNFL (IN)	1.5	#	#	0	0	0	0	0	0	#	0	1.2	1.5	39
	MAX SNFL (IN)	2.2	#	#	0	0	0	0	0	0	#	0	1.2	2.2	39
	MEAN SNFL (IN)	#	#	#	0	0	0	0	0	0	#	0	#	.1	39
	D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	#	0	39
	D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	0	39
	MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	1	1	39
	MEAN SFC WND DIR (DEG)	\$120	\$120	300	300	300	300	300	300	300	300	\$300	\$120	300	10
	MEAN WND SPD (KTS)	4.5	4.9	5.8	6.6	7.3	7.4	6.5	6.0	5.6	4.5	4.1	4.0	5.6	10
	MAX WND SPD (KTS)	48	43	42	42	38	34	26	31	34	44	40	36	48	19
	SKY COVER GT 1/2 (%)	72.0	51.4	49.0	38.3	23.0	15.3	11.0	12.5	19.0	26.2	49.0	67.6	36.5	10
	D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	39
	D/W FOG (VSBY LT 7 MI)	22	14	8	3	1	1	#	1	1	5	16	23	95	39
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.1 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR		
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST																
	00 - 02	49.2	15.2	6.0	1.2	.1	.1	.0	.0	.3	1.2	22.3	54.2	12.5	10		
	03 - 05	52.4	19.6	8.7	1.3	.0	.3	.3	.0	.3	1.9	24.1	55.1	13.7	10		
	06 - 08	57.6	29.7	15.3	4.7	.4	.4	.4	.0	.3	7.5	33.8	60.6	17.6	10		
	09 - 11	58.7	27.3	14.3	4.7	.6	.6	.2	.0	.9	5.1	32.0	61.4	17.1	10		
	12 - 14	47.6	20.1	10.3	2.0	.1	.4	.0	.1	1.1	1.8	20.2	51.8	13.0	10		
	15 - 17	38.6	10.2	5.3	.4	.1	.2	.0	.1	1.1	1.3	13.2	45.7	9.7	10		
	18 - 20	31.8	8.8	2.9	.7	.0	.0	.0	.0	.3	.9	8.6	37.9	7.7	10		
	21 - 23	39.2	11.0	3.0	1.2	.1	.1	.0	.0	.3	1.0	15.1	48.3	9.9	10		
	ALL	46.9	17.7	8.2	2.0	.2	.3	.1	.0	.6	2.6	21.2	51.9	12.7	10		
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	43.8	11.8	3.3	.7	.1	.0	.0	.0	.3	1.0	19.2	51.2	10.9	10		
	03 - 05	6.0	16.5	5.6	.9	.0	.0	.3	.0	.3	1.6	20.1	2.5	12.0	10		
	06 - 08	52.4	27.6	12.5	3.6	.0	.1	.4	.0	.3	7.4	30.9	58.9	16.2	10		
	09 - 11	55.5	24.6	8.3	1.6	.2	.6	.0	.0	.7	4.5	29.1	59.0	15.3	10		
	12 - 14	41.7	15.1	3.1	.4	.0	.0	.0	.1	.7	1.4	15.9	48.1	10.5	10		
	15 - 17	34.8	8.4	1.6	.2	.1	.1	.0	.1	.7	1.2	11.6	41.1	8.3	10		
	18 - 20	27.7	5.9	.9	.2	.0	.0	.0	.0	.3	.5	6.8	31.9	6.2	10		
	21 - 23	35.4	7.4	1.0	.3	.1	.1	.0	.0	.3	.6	12.2	43.8	8.4	10		
	ALL	42.2	14.6	4.5	1.0	.1	.1	.1	.0	.5	2.3	18.2	48.3	11.0	10		
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	37.8	8.8	2.0	.4	.0	.0	.0	.0	.3	.4	12.9	39.5	8.5	10		
	03 - 05	40.1	12.5	3.8	.8	.0	.0	.0	.0	.0	.6	16.1	44.1	9.8	10		
	06 - 08	46.7	22.0	8.0	2.4	.0	.1	.0	.0	.3	4.5	23.9	51.3	13.3	10		
	09 - 11	48.2	17.3	4.8	.8	.1	.1	.0	.0	.6	2.0	19.9	51.0	12.1	10		
	12 - 14	31.9	8.1	.9	.1	.0	.0	.0	.1	.4	.2	7.8	35.9	7.1	10		
	15 - 17	20.2	3.1	.3	.0	.1	.1	.0	.1	.3	.2	5.3	26.6	4.7	10		
	18 - 20	18.9	3.2	.3	.1	.0	.0	.0	.0	.1	.1	3.4	23.1	4.1	10		
	21 - 23	28.2	4.8	.5	.3	.1	.1	.0	.0	.2	.4	7.0	32.0	6.1	10		
	ALL	34.0	10.0	2.6	.6	.0	.1	.0	.0	.3	1.1	12.0	37.9	8.3	10		
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	17.3	4.2	1.0	.0	.0	.0	.0	.0	.0	.0	5.8	20.3	4.0	10		
	03 - 05	19.1	6.2	2.2	.1	.0	.0	.0	.0	.0	.1	8.4	25.2	5.1	10		
	06 - 08	23.2	10.1	3.4	.2	.0	.0	.0	.0	.0	.8	10.3	28.7	6.4	10		
	09 - 11	14.8	6.2	.9	.0	.0	.0	.0	.0	.0	.1	4.9	19.6	3.9	10		
	12 - 14	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.4	10		
	15 - 17	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	10		
	18 - 20	2.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	.5	10		
	21 - 23	8.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	1.9	13.1	2.1	10		
	ALL	10.8	3.7	.9	.0	.0	.0	.0	.0	.0	.1	3.9	14.2	2.8	10		
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : NONE																	

A W S	STATION NAME: GEORGE AFB CA	FIELD ELEV: 2875 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 34 35 N 117 23 W	STATION MSC: 723825
	HOURLY OBS POR: JUN 80 - MAY 90	CALL SIGN: KVCV
	SUMMARY OF DAY POR: JAN 42-FEB 46, APR 48-OCT 48, SEP 50-MAY 90	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: APR 86
DEC 90	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	80	84	87	95	101	111	110	108	107	98	85	86	111	46
MEAN MAX TEMP (F)	56	60	65	72	80	90	97	95	89	78	65	57	75	46
MEAN TEMP (F)	45	49	53	59	66	75	82	81	75	64	53	46	62	46
MEAN MIN TEMP (F)	34	37	40	45	52	60	67	66	60	51	40	34	49	46
EXTRM MIN TEMP (F)	9	16	18	29	35	39	50	49	38	28	10	14	9	46
D/W TEMP GE 100 (F)	0	0	0	0	#	4	10	7	2	0	0	0	23	46
D/W TEMP GE 90 (F)	0	0	0	1	5	16	28	26	16	3	0	0	95	46
D/W TEMP LT 40 (F)	25	18	14	5	1	#	0	0	#	1	14	25	103	46
D/W TEMP LT 33 (F)	13	7	3	1	0	0	0	0	0	#	4	12	40	46
HEATING DEGREE DAYS	584	430	373	203	73	8	0	#	10	84	353	577	2695	40
COOLING DEGREE DAYS	0	#	2	28	129	322	544	498	304	89	2	#	1918	40
MEAN DEWPOINT TEMP (F)	27	27	31	32	37	41	44	46	43	35	30	27	35	10
MEAN WET BULB TEMP (F)	37	40	43	47	52	57	60	61	57	50	42	38	49	10
99.95% WCPA (FT)	3050	3050	3100	3050	3000	2950	2900	2900	2950	3000	3050	3000	3050	10
MEAN REL HUM 07 LST(%)	63.9	57.0	58.2	49.1	45.7	39.3	36.4	43.1	49.3	51.0	57.9	63.5	51.2	10
MEAN REL HUM 13 LST(%)	36.7	31.4	31.7	24.9	21.6	18.0	18.5	21.8	24.4	26.2	33.2	39.8	27.3	10
MAX 24HR PRECIP (IN)	1.73	1.91	2.70	.73	.82	.25	.78	.96	2.93	1.23	1.58	1.50	2.93	46
MAX PRECIP (IN)	2.81	4.20	4.47	1.22	.87	.25	2.07	1.35	3.25	1.55	1.84	3.86	11.22	46
MEAN PRECIP (IN)	.83	.67	.63	.25	.12	.02	.15	.20	.25	.23	.44	.62	4.52	46
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13	46
D/W PRECIP GE .01 (IN)	4	3	3	2	1	1	1	1	1	1	2	3	23	46
D/W PRECIP GT .50 (IN)	1	1	1	#	#	0	#	#	#	#	1	1	5	46
MAX 24HR SNFL (IN)	15.6	2.0	2.3	1.2	.3	0	0	0	0	#	8.8	5.8	15.6	46
MAX SNFL (IN)	17.0	2.4	3.4	1.2	.3	0	0	0	0	#	9.2	7.8	17.3	46
MEAN SNFL (IN)	1.4	.2	.3	#	0	0	0	0	0	#	.3	.8	2.9	46
D/W SNFL GE .1 (IN)	1	1	1	#	#	0	0	0	0	0	#	1	4	46
D/W SNFL GE 1.5 (IN)	1	#	#	0	0	0	0	0	0	0	#	1	2	46
MAX DLY SNO DEPTH (IN)	17	2	2	1	0	0	0	0	0	0	8	4	17	46
PRVLNG WND DIR (DEG)	\$17-19	17-19	26-28	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	\$17-19	17-19	10
MEAN WND SPD (KTS)	4	5	6	6	6	6	5	5	5	4	4	4	5	10
MAX WND SPD (KTS)	54	52	62	52	46	46	58	50	39	54	51	56	62	46
SKY COVER GT 5/10 (%)	32.4	40.2	35.7	30.2	18.9	11.0	13.0	12.5	15.6	19.7	26.7	36.2	24.3	10
D/W THUNDERSTORMS	1	#	1	1	1	1	2	3	1	1	1	#	13	46
D/W FOG (VSBY LT 7 MI)	3	2	2	1	1	#	#	1	1	1	1	2	15	46

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

= BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	1.5	1.2	1.1	.4	.0	.0	.0	.0	.0	.0	.9	3.3	.7	10
	03 - 05	1.4	3.0	1.0	.6	.0	.1	.0	.0	.2	.2	1.7	3.9	1.0	10
	06 - 08	1.9	3.8	.5	.3	.0	.2	.0	.0	.3	.6	2.2	4.8	1.2	10
	09 - 11	1.9	2.0	1.1	1.0	.0	.0	.0	.0	.3	.4	.9	4.4	1.0	10
	12 - 14	1.9	2.8	1.5	1.4	.1	.0	.0	.0	.3	.1	1.3	4.1	1.1	10
	15 - 17	2.0	3.1	2.0	1.0	.1	.0	.0	.0	.0	.1	.9	3.2	1.0	10
	18 - 20	1.5	2.0	2.2	.6	.0	.0	.1	.0	.0	.0	.7	3.5	.9	10
	21 - 23	1.6	1.3	1.7	.3	.0	.0	.0	.0	.0	.1	1.0	4.4	.9	10
	ALL	1.7	2.4	1.4	.7	.0	.0	.0	.0	.2	.2	1.2	4.0	1.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	1.2	.9	.0	.2	.0	.0	.0	.0	.0	.0	.7	3.2	.5	10
	03 - 05	.9	2.6	.3	.0	.0	.0	.0	.0	.0	.2	1.2	3.7	.7	10
	06 - 08	1.2	1.8	.0	.0	.0	.0	.0	.0	.0	.2	1.0	4.6	.7	10
	09 - 11	1.2	1.2	.2	.2	.0	.0	.0	.0	.0	.3	.4	4.1	.6	10
	12 - 14	.9	1.9	.2	.3	.1	.0	.0	.0	.0	.1	.3	2.8	.5	10
	15 - 17	1.0	1.7	.1	.4	.1	.0	.0	.0	.0	.1	.0	2.3	.5	10
	18 - 20	.4	1.3	.2	.4	.0	.0	.1	.0	.0	.0	.0	2.3	.4	10
	21 - 23	.9	.4	.1	.2	.0	.0	.0	.0	.0	.1	.1	2.3	.3	10
	ALL	.9	1.5	.1	.2	.0	.0	.0	.0	.0	.1	.5	3.1	.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	.3	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.5	.3	10
	03 - 05	.6	1.9	.2	.0	.0	.0	.0	.0	.0	.0	.8	3.0	.5	10
	06 - 08	1.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0	.6	10
	09 - 11	.4	1.2	.2	.2	.0	.0	.0	.0	.0	.0	.3	3.0	.4	10
	12 - 14	.0	1.5	.2	.0	.0	.0	.0	.0	.0	.1	.1	2.2	.3	10
	15 - 17	.2	1.2	.1	.4	.1	.0	.0	.0	.0	.1	.0	1.5	.3	10
	18 - 20	.0	.5	.0	.3	.0	.0	.1	.0	.0	.0	.0	1.4	.2	10
	21 - 23	.5	.4	.0	.2	.0	.0	.0	.0	.0	.1	.0	1.9	.3	10
	ALL	.4	1.1	.1	.2	.0	.0	.0	.0	.0	.0	.3	2.4	.4	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	10
	03 - 05	.2	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	1.2	.2	10
	06 - 08	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	.2	10
	09 - 11	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.1	10
	12 - 14	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	10
	15 - 17	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	10
	18 - 20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	10
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.1	10
	ALL	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	.1	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : 0															

AWS CLIMATIC BRIEF															HAMILTON AFB/SAN RAFAEL, CALIFORNIA															PERIOD: 1939-65										WBAN # 23211																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				MEAN NUMBER OF DAYS										TEMPERATURE (°F)				MEAN CLOUDS (Tenths)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (Peak) SPEED (Gusts)	0400 RELATIVE HUMIDITY (%)	1300 RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 miles)	TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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REMARKS

RUSMO POR: Hrly Obs: Mar 39 - May 41, Jul 41 - Jun 65
 Daily Obs: Mar 39 - May 41, Jul 41 - Oct 64

NOTE: *DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	39	25	15	15	17	17	17	21	14	21	25	43	22	
	03 - 05	46	33	20	22	27	26	36	39	25	22	33	42	32	
	06 - 08	53	38	27	26	30	28	46	45	31	32	39	53	37	
	09 - 11	48	35	25	21	22	14	9	12	14	21	31	43	25	
	12 - 14	38	27	21	14	11	5	1	2	4	11	21	38	16	
	15 - 17	30	15	14	10	8	3	1	1	2	7	17	32	12	
	18 - 20	27	17	13	9	8	5	1	1	3	7	15	31	11	
	21 - 23	30	19	12	10	11	7	4	5	6	12	18	35	14	
	ALL HOURS	39	27	18	16	17	13	14	16	13	17	25	41	21	26
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	30	16	7	7	11	11	14	18	9	14	18	35	16	
	03 - 05	33	23	10	13	18	18	34	35	15	21	26	42	25	
	06 - 08	43	28	15	15	17	17	35	39	26	26	33	46	26	
	09 - 11	37	25	12	9	6	3	4	7	7	13	24	41	16	
	12 - 14	26	15	6	3	1	1	2	2	1	4	13	28	9	
	15 - 17	20	9	6	2	2	1	2	0	2	3	11	24	7	
	18 - 20	19	9	6	3	3	1	1	1	4	10	24	24	7	
	21 - 23	22	12	5	4	5	2	2	3	2	6	13	27	9	
	ALL HOURS	29	17	8	7	8	7	11	13	8	11	18	34	14	26
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	24	13	4	4	4	5	7	11	5	9	14	28	11	
	03 - 05	31	17	6	8	9	9	21	26	13	16	20	33	17	
	06 - 08	37	22	9	9	8	7	19	26	18	20	26	38	20	
	09 - 11	29	18	6	3	1	#	1	2	2	8	17	32	10	
	12 - 14	18	9	2	1	#	#	0	0	#	2	8	20	5	
	15 - 17	12	4	2	1	#	#	0	0	0	1	7	16	4	
	18 - 20	12	5	2	1	#	#	#	#	0	2	6	16	4	
	21 - 23	16	7	2	2	1	1	1	1	#	3	9	20	5	
	ALL HOURS	22	12	4	3	3	3	6	8	5	8	13	25	9	26
CIG less than 200 feet and / or VSBY less than 1 mile	00 - 02	8	4	#	1	#	0	0	#	#	3	9	8	2	
	03 - 05	11	7	2	1	1	1	1	2	2	5	9	10	4	
	06 - 08	14	8	3	2	1	#	#	1	2	7	11	12	5	
	09 - 11	7	4	#	0	0	0	0	0	0	1	4	6	2	
	12 - 14	1	#	0	0	0	0	0	0	0	0	1	1	#	
	15 - 17	1	#	0	0	0	0	0	0	0	0	#	1	#	
	18 - 20	2	#	0	0	0	0	0	0	0	0	1	3	1	
	21 - 23	5	1	0	#	0	0	0	0	0	1	2	5	1	
	ALL HOURS	6	3	1	1	#	#	#	#	1	2	4	6	2	26

PREPARED BY: USAFETAC 1982 STATION NAME: LEMOORE NAS CA LOCATION: 43C 20 W119 57 PERIOD: JUL 61-DEC 81 ELEV: 237 FT 5TH LTRES: NLC MSC NO: 747020

AWS CLIMATIC BRIEF

MO Y H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				MEAN NUMBER OF DAYS OCCURRENCE OF				TEMPERATURE (°F)			
	MEAN		EXTREME		MONTHLY		MAX 24 HRS		MONTHLY		MAX 24 HRS		LST		VAPOR PRESSURE		PVG DRYN		SPEED		PRECIP (IN)		SHOWFALL (IN)		MAX		MIN	
	DAILY	MON-THLY	DAILY	MON-THLY	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	1500	1000	IN HG	(°P)	(FT)	(KT)	(KT)	(KT)	> 0.01	> 0.1	> 0.5	> 1.0	> 100	> 100	< 32	< 25
	MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	1500	1000	IN HG	(°P)	(FT)	(KT)	(KT)	(KT)	> 0.01	> 0.1	> 0.5	> 1.0	> 100	> 100	< 32	< 25
JAN	53	36	45	78	14	1.3	5.3	8	1.3	8	3	8	71	71	25	40	550	5	39	7	8	8	8	24	0	0	12	3
FEB	62	39	51	82	21	1.4	4.6	8	1.7	8	8	8	63	63	28	43	650	4	46	6	7	1	3	18	0	0	8	8
MAR	68	40	54	90	22	1.1	3.4	8	1.9	2	0	0	53	53	28	43	650	5	49	6	6	8	3	0	0	0	0	0
APR	73	44	59	102	30	0.6	2.3	8	0.7	0	0	0	38	38	27	42	500	6	38	4	4	8	3	0	0	0	0	0
MAY	85	51	68	107	34	0.2	1.3	0	0.5	0	0	0	29	29	29	44	550	6	40	3	2	8	0	0	0	0	0	0
JUN	93	58	76	112	43	0.1	0.4	0	0	0	0	0	24	24	32	47	600	6	36	2	1	0	0	0	0	0	0	0
JUL	99	62	81	113	47	0	0	0	0	0	0	0	25	25	39	52	550	6	32	2	8	0	0	0	0	0	0	0
AUG	97	61	79	112	46	0	0	0	0	0	0	0	29	29	39	52	550	5	35	2	8	0	0	0	0	0	0	0
SEP	91	56	74	107	41	0.2	2.5	0	1.3	0	0	0	31	31	36	50	550	5	32	2	1	8	0	0	0	0	0	0
OCT	88	48	65	102	34	0.3	1.3	0	0.8	0	0	0	34	34	29	44	500	4	46	3	2	8	0	0	0	0	0	0
NOV	64	40	53	87	22	0.9	2.7	0	0.9	0	0	0	50	50	25	40	550	3	33	5	5	8	0	0	0	0	0	0
DEC	55	35	45	80	18	1.0	3.7	0	1.9	0	0	0	44	44	23	38	500	3	42	7	7	1	0	0	0	0	0	0
ANN	77	58	64	113	45	0.7	5.3	0	1.7	0	0	0	33	33	29	44	550	5	38	4	9	2	8	0	0	0	0	0
YR	21	21	21	21	21	21	21	21	21	21	21	21	9	9	9	9	9	9	9	9	20	9	21	21	21	21	21	21

REMARKS: RUSSHO POR: HOURLY OBS: JAN 73 - DEC 81 DAILY OBS: JUL 61 - DEC 81

NOTE: * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS 5% CALM GTRN % PLVG DRYN 3 BASED ON < FULL MONTHS														BASED ON < FULL MONTHS			
CAV PRG (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	STV		
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	49	27	7	2	1	3	0	0	1	1	1	1	13	1		
	03-05	54	33	10	4	1	3	0	0	1	1	24	61	16			
	06-08	64	46	20	6	8	2	1	1	2	4	37	70	21			
	09-11	64	42	14	3	8	8	8	1	2	6	39	70	20			
	12-14	51	27	13	4	1	8	8	8	1	2	22	40	15			
	15-17	40	21	7	2	8	8	8	1	1	1	14	53	12			
	18-20	39	20	5	2	8	0	0	8	1	1	14	48	11			
	21-23	42	20	4	2	1	0	0	0	1	1	13	51	11			
	ALL HRS	50	30	10	3	1	8	8	8	1	2	23	59	15	9		
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	45	23	3	1	8	0	0	0	1	0	16	52	12			
	03-05	51	29	6	1	0	0	0	8	1	1	21	57	14			
	06-08	61	42	15	3	0	0	1	1	1	4	35	67	19			
	09-11	60	37	9	1	0	0	0	1	1	5	37	67	18			
	12-14	43	22	3	1	8	8	8	1	2	19	56	12				
	15-17	34	15	1	8	0	8	3	1	1	11	48	9				
	18-20	34	15	2	8	0	0	8	1	8	12	44	9				
	21-23	37	17	1	1	0	2	8	0	1	0	12	48	10			
	ALL HRS	46	25	5	1	8	8	8	8	1	2	20	55	13	9		
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	38	15	1	1	8	0	0	0	1	0	10	40	9			
	03-05	45	21	3	1	0	0	0	8	8	0	13	46	11			
	06-08	52	31	8	2	0	0	8	1	8	1	24	57	15			
	09-11	48	25	4	8	0	0	0	1	1	1	17	52	12			
	12-14	28	9	8	8	0	0	0	8	1	8	6	34	7			
	15-17	19	5	8	8	0	0	0	8	8	8	3	28	5			
	18-20	22	7	1	8	0	0	8	8	8	0	4	27	5			
	21-23	27	10	0	1	0	0	8	0	1	0	7	33	7			
	ALL HRS	35	15	2	1	8	0	8	8	1	8	11	40	9	9		
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	18	4	0	8	0	0	0	0	8	0	3	18	4			
	03-05	25	10	1	8	0	0	0	8	0	0	6	25	6			
	06-08	28	12	2	8	0	0	0	8	0	0	10	30	7			
	09-11	19	9	8	0	0	0	0	0	0	0	5	16	4			
	12-14	3	1	0	0	0	0	0	0	0	0	8	3	1			
	15-17	1	0	0	0	0	0	0	0	0	0	8	1	8			
	18-20	4	1	0	0	0	0	0	0	0	0	2	1	1			
	21-23	9	1	0	0	0	0	0	0	0	0	9	2	2			
	ALL HRS	13	5	8	8	0	0	0	8	8	8	3	13	3	9		

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LOS ALAMITOS, CA
 LOCATION: 3347N 11803W
 PREPARED BY: USAFETAC/ECO, JUL 1989

STATION #: 722975
 ELEVATION (FEET): 35
 PERIOD: 8209-8812

ICAO: KSLI
 LST = GMT -8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	89	89	96	92	92	99	104	98	104	102	90	86 104
MEAN DAILY MAX	1	70	70	71	72	73	74	80	82	81	79	72	68 74
MEAN	1	62	63	64	66	68	69	74	76	75	72	65	61 68
MEAN DAILY MIN	1	51	52	55	58	61	64	67	68	67	62	55	50 59
EXTREME MIN	1	39	42	44	50	54	56	59	61	55	53	43	39 39
# DAYS GE 90	1	0	0	1	1	#	#	4	5	5	3	#	0 19
# DAYS LE 32	1	0	0	0	0	0	0	0	0	0	0	0	0 0
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0 0
2. PRECIPITATION (INCHES)													
MAXIMUM	2	11.0	7.9	4.7	3.4	1.5	.3	.2	.1	1.3	1.1	5.0	3.8 11.0
MEAN	2	2.8	1.7	1.4	1.2	.2	.0	.0	.0	.1	.1	1.3	1.1 9.9
MINIMUM	2	.2	#	.0	#	#	.0	.0	.0	.0	.0	.0	# .0
MAX 24 HR	2	3.7	2.3	1.8	2.2	1.3	.3	.2	.1	.8	.4	1.7	1.5 3.7
# DAYS GE 0.004	2	6	4	5	4	1	1	0	0	1	1	4	4 31
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	2	0	0	0	0	0	0	0	0	0	0	0	0 0
MAXIMUM	2	0	0	0	0	0	0	0	0	0	0	0	0 0
MAX 24 HR	2	0	0	0	0	0	0	0	0	0	0	0	0 0
# DAYS GE 0.1	2	0	0	0	0	0	0	0	0	0	0	0	0 0
# DAYS GE 1.5	2	0	0	0	0	0	0	0	0	0	0	0	0 0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (7 LST)	1	75	76	78	73	75	77	77	78	77	75	77	76 76
RH (14 LST)	1	49	51	53	52	57	60	56	55	54	53	51	53 54
VAPOR PRESS	1	.32	.34	.37	.38	.45	.50	.57	.59	.57	.48	.39	.33 .44
DEWPOINT	1	45	47	49	50	55	58	62	63	62	57	50	46 54
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$SSW	\$SSW	\$SW	\$S	\$SSW	\$SSW	\$SSW	\$S	\$SSW	\$SW	\$SW	\$SSW \$SSW
MEAN SPEED													
(PVLG DRCTN)	1	5	7	8	7	7	7	7	6	7	7	6	5 7
MEAN SPEED													
(ALL OBS)	1	3	4	5	5	5	5	4	4	4	4	3	3 4
MAX PEAK GUST	1	34	38	42	27	30	18	18	0	18	26	45	38 45
PRESSURE ALT	1	490	420	560	250	200	200	240	280	330	240	430	370 560
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	3	3	3	3	3	2	3	3	3	3 3
DAYS TSTMS	1	0	#	1	#	#	#	#	#	#	#	#	0 3
DAYS FOG LT 7	1	14	12	11	7	12	14	13	14	13	14	13	13 148
DAYS BNBD LT 7	1	#	#	0	0	0	0	0	0	0	#	0	# 1
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	34	35	40	34	52	75	57	53	49	49	41	37	46
09-11 LST	30	30	37	26	38	45	29	27	34	41	33	33	34
12-14 LST	24	21	21	13	10	14	8	6	14	14	21	25	16
15-17 LST	14	11	15	9	5	6	4	5	9	7	12	21	10
18-20 LST	9	11	16	11	10	12	6	4	13	11	12	19	11
21-23 LST	15	13	19	15	18	22	10	7	17	16	26	23	17
ALL HOURS ϕ	21	20	25	18	22	29	19	17	23	23	24	26	22

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	31	31	30	21	36	52	41	45	32	40	33	33	36
09-11 LST	26	24	23	11	21	23	18	17	19	28	22	29	22
12-14 LST	18	15	12	6	5	5	4	3	7	10	11	19	9
15-17 LST	11	9	9	4	3	4	2	2	4	5	7	16	6
18-20 LST	7	7	9	6	9	9	4	2	6	6	5	15	7
21-23 LST	12	9	11	7	16	18	7	6	8	8	16	20	12
ALL HOURS ϕ	18	16	16	9	15	19	13	13	13	16	16	22	15

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	21	19	16	12	22	26	21	22	17	22	19	24	20
09-11 LST	16	14	10	4	7	8	5	4	6	14	11	18	10
12-14 LST	9	6	5	1	1	1	1	#	3	4	4	10	4
15-17 LST	6	4	4	1	0	#	#	1	1	1	3	8	2
18-20 LST	2	4	5	2	4	4	3	1	3	2	1	6	3
21-23 LST	6	5	8	4	7	10	5	4	5	3	2	10	6
ALL HOURS ϕ	10	9	8	4	7	8	6	5	6	8	7	13	8

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	4	2	4	0	1	1	1	1	4	2	6	2
09-11 LST	1	1	#	0	#	0	0	0	0	#	#	2	#
12-14 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
15-17 LST	#	0	#	0	0	0	0	0	0	0	0	1	#
18-20 LST	1	0	1	0	0	0	0	0	#	0	0	2	#
21-23 LST	1	1	3	1	0	0	1	0	1	1	0	3	1
ALL HOURS ϕ	1	1	1	1	#	#	#	#	#	1	#	2	1

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
\$ = % CALM GT PVLGN DRCTN
 ϕ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE SEP 82-DEC 88
2. SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE JUL 1949 - JUN 1969

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LOS ALAMITOS, CA
 LOCATION: 3347N 11803W
 PREPARED BY: USAFETAC/ECO, JUL 1989

STATION #: 722975
 ELEVATION (FEET): 35
 PERIOD: 8209-8812

ICAO: KSLI
 LST = GMT -8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	1	0	#	#	0	#	0	0	0	0	#
09-11 LST	0	#	1	0	0	#	0	0	0	0	0	0	#
12-14 LST	0	0	#	#	0	0	0	0	0	0	#	0	#
15-17 LST	0	0	#	#	0	0	#	0	#	#	0	0	#
18-20 LST	0	#	0	0	0	0	1	0	#	#	#	0	#
21-23 LST	0	0	1	0	0	0	0	0	0	1	#	0	#
ALL HOURS φ	0	#	1	#	#	#	#	#	#	#	#	0	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	7	5	2	1	2	2	2	4	1	3	5	3
09-11 LST	4	6	7	1	#	1	2	1	3	1	4	6	3
12-14 LST	5	4	4	1	#	#	0	0	2	1	3	7	2
15-17 LST	5	4	4	3	#	0	#	0	2	1	4	5	2
18-20 LST	2	5	7	4	0	0	1	#	2	1	5	6	3
21-23 LST	4	8	7	3	0	0	1	1	4	2	3	5	3
ALL HOURS φ	4	6	6	2	#	1	1	1	3	1	4	6	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS φ	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	0	1	0	0	0	0	0	0	#	1	0	#
09-11 LST	1	#	1	#	#	0	0	0	0	#	1	0	#
12-14 LST	#	1	1	#	#	0	0	0	0	#	1	#	#
15-17 LST	#	#	#	1	#	0	0	0	0	0	0	#	#
18-20 LST	0	#	#	0	0	0	#	0	0	0	0	1	#
21-23 LST	1	0	#	0	0	0	0	0	0	0	0	1	#
ALL HOURS φ	1	#	1	#	#	0	#	0	0	#	1	#	#

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	20	18	13	8	7	11	8	10	12	21	17	23	14
09-11 LST	15	13	8	2	3	2	1	3	4	13	9	18	8
12-14 LST	9	5	2	0	#	#	#	#	2	4	2	10	3
15-17 LST	5	4	2	#	0	0	0	0	1	1	2	7	2
18-20 LST	1	4	3	#	2	1	2	#	2	1	1	6	2
21-23 LST	6	5	5	2	2	2	3	1	3	3	1	9	4
ALL HOURS φ	9	8	6	2	2	3	2	2	4	7	5	12	5

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	16	14	9	7	3	4	4	5	9	16	14	21	10
09-11 LST	11	9	6	2	1	1	1	1	3	10	6	14	5
12-14 LST	6	3	2	0	0	0	#	#	1	3	1	7	2
15-17 LST	3	3	1	0	0	0	0	0	1	1	1	4	1
18-20 LST	1	3	2	0	1	0	0	0	2	#	1	5	1
21-23 LST	3	4	4	2	0	1	1	0	3	1	0	7	2
ALL HOURS φ	7	6	4	2	1	1	1	1	3	5	4	10	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	9	4	6	#	2	2	3	4	7	6	13	6
09-11 LST	5	4	1	1	#	0	#	0	#	2	2	6	2
12-14 LST	2	1	0	0	0	0	0	0	#	0	0	2	#
15-17 LST	1	1	#	0	0	0	0	0	0	0	#	1	#
18-20 LST	1	0	1	0	0	0	0	0	1	0	1	3	1
21-23 LST	1	2	4	1	0	0	1	0	3	1	0	4	1
ALL HOURS φ	4	3	2	1	#	#	1	1	1	2	2	5	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	3	1	3	0	1	1	1	1	2	2	5	2
09-11 LST	1	#	0	0	#	0	0	0	0	0	#	1	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	#	0	0	0	0	0	0	0	0	0	0	#	#
18-20 LST	1	0	1	0	0	0	0	0	#	0	0	1	#
21-23 LST	1	1	3	0	0	0	0	0	1	0	0	2	1
ALL HOURS φ	1	1	1	1	#	#	#	#	#	#	#	2	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 φ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE SEP 82-DEC 88

A W S CLIMATIC BRIEF NOV 89	STATION NAME: MARCH AFB CA LATITUDE/LONGITUDE: 33 53 N 117 16 W HOURLY OBS POR: AUG 79 - JUL 89 SUMMARY OF DAY POR: FEB 36 - JUL 89 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +08											FIELD ELEV: 1538 FT STATION MSC: 722860 CALL SIGN: KRIV SUPERCEDES: MAR 85			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	85	87	95	100	108	110	110	111	114	110	94	90	114	53
	MEAN MAX TEMP (F)	62.7	64.5	66.2	71.9	76.9	84.2	92.5	92.0	88.1	79.5	70.8	64.7	76.2	53
MEAN TEMP (F)		50.9	52.7	54.4	58.9	63.9	69.8	76.9	76.8	73.3	65.4	54	52.3	62.8	53
MEAN MIN TEMP (F)		38.9	40.6	42.3	45.7	50.6	55.1	60.9	61.4	58.2	51.0	43.7	39.6	49.0	53
EXTRM MIN TEMP (F)		16	22	24	27	32	39	48	47	42	28	26	17	16	53
D/W TEMP GE 100 (F)		0	0	0	#	1	1	4	4	3	1	0	0	14	53
D/W TEMP GE 90 (F)		0	0	#	1	3	9	22	21	14	5	1	#	76	53
D/W TEMP LT 40 (F)		16	12	9	4	1	#	0	0	0	1	7	15	65	53
D/W TEMP LT 33 (F)		5	2	1	1	#	0	0	0	0	#	1	4	14	53
HEATING DEGREE DAYS		417	336	319	193	87	18	#	#	5	65	226	382	2048	53
COOLING DEGREE DAYS		#	1	2	20	62	170	375	377	263	88	9	1	1368	53
MEAN DEWPOINT TEMP (F)		35.1	38.2	41.4	43.3	48.4	51.9	55.0	55.7	54.1	47.3	38.1	34.4	45.3	10
MEAN WET BULB TEMP (F)		44.7	46.6	48.3	51.5	55.3	59.5	63.5	63.8	61.6	55.6	47.9	44.1	53.6	10
99.95% WCPA (FT)		1750	1750	1800	1700	1700	1700	1700	1700	1750	1700	1700	1750	1750	10
MEAN REL HUM 07 LST(%)		70.3	73.7	78.8	72.3	73.6	69.6	64.6	67.2	70.6	72.8	68.8	68.2	70.9	10
MEAN REL HUM 13 LST(%)		42.2	42.7	46.4	39.5	40.0	36.2	30.8	32.5	35.2	36.2	37.1	39.0	38.1	10
MAX 24HR PRECIP (IN)		3.09	2.42	2.42	1.57	1.08	.25	1.38	1.74	2.08	1.06	2.10	2.68	3.09	53
MAX PRECIP (IN)		6.27	8.89	6.09	4.57	2.07	.28	1.46	2.39	3.01	2.92	5.55	6.06	23.96	53
MEAN PRECIP (IN)		1.92	1.87	1.64	.83	.18	.03	.08	.17	.31	.37	.98	1.54	9.93	53
MIN PRECIP (IN)		.00	.00	.00	#	#	.00	.00	.00	.00	.00	.00	#	3.38	53
D/W PRECIP GE .01 (IN)		6	5	6	4	1	1	1	1	1	2	3	5	36	53
D/W PRECIP GT .50 (IN)		1	1	1	1	#	0	#	#	1	1	1	1	8	53
MAX 24HR SNFL (IN)		3.0	.2	.6	0	0	0	0	0	0	0	.1	.8	3.0	43
MAX SNFL (IN)		4.9	.2	.6	0	0	0	0	0	0	0	.1	1.1	4.9	43
MEAN SNFL (IN)		.1	0	#	0	0	0	0	0	0	0	0	#	.2	43
D/W SNFL GE .1 (IN)		#	#	#	0	0	0	0	0	0	0	#	#	0	43
D/W SNFL GE 1.5 (IN)		#	0	0	0	0	0	0	0	0	0	0	0	0	43
MAX DLY SNO DEPTH (IN)		2	0	#	0	0	0	0	0	0	0	0	1	2	43
MEAN SFC WND DIR (DEG)		\$330	\$300	\$300	\$300	\$300	300	\$300	\$300	\$300	\$300	\$300	\$330	\$300	10
MEAN WND SPD (KTS)		3.3	3.2	3.2	3.8	3.9	4.1	3.8	3.5	3.0	2.7	2.9	2.9	3.4	10
MAX WND SPD (KTS)		46	45	48	40	38	39	43	36	39	41	44	49	49	42
SKY COVER GT 1/2 (%)		41.0	48.4	46.0	43.3	42.0	28.9	17.0	19.7	27.0	35.6	37.0	39.3	35.7	10
D/W THUNDERSTORMS		1	1	1	1	1	1	1	1	1	1	1	1	12	40
D/W FOG (VSBY LT 7 MI)		13	14	18	15	17	16	10	10	13	16	13	12	167	40
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	EC	ANN	YOR		
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST																
	00 - 02	22.2	23.0	25.5	21.3	33.7	24.6	7.5	8.8	18.1	33.1	26.4	18.5	21.9	10		
	03 - 05	27.8	29.7	36.6	32.8	49.9	45.4	20.4	20.4	29.3	41.5	33.3	20.8	32.3	10		
	06 - 08	27.4	31.0	40.2	36.3	49.7	49.4	25.9	27.6	35.1	44.5	34.7	21.3	35.3	10		
	09 - 11	20.9	19.7	22.9	18.0	23.2	24.8	8.1	9.6	14.4	23.2	19.6	13.9	18.2	10		
	12 - 14	13.1	11.5	14.7	13.9	13.8	13.9	5.3	5.7	8.4	15.8	11.1	8.4	11.3	10		
	15 - 17	13.7	11.7	14.1	13.2	10.0	8.7	3.1	2.7	7.4	20.0	12.9	9.9	10.6	10		
	18 - 20	12.3	10.7	11.9	8.1	5.8	4.7	1.1	1.7	3.1	12.7	12.6	9.9	7.9	10		
	21 - 23	15.1	14.8	13.4	10.8	11.9	6.9	1.7	3.0	7.0	17.3	16.1	15.5	11.1	10		
	ALL	19.0	19.0	22.4	19.3	24.7	22.3	9.1	9.9	15.4	26.0	20.8	14.8	18.6	10		
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	16.7	17.6	17.6	14.6	24.4	19.7	6.6	6.9	14.3	29.6	23.6	14.1	17.1	10		
	03 - 05	22.9	24.4	28.7	24.9	38.6	39.4	19.6	18.8	24.8	37.6	29.3	18.0	27.2	10		
	06 - 08	23.8	26.4	34.1	28.1	38.5	43.2	24.6	25.7	29.1	40.9	31.2	19.5	30.4	10		
	09 - 11	16.7	14.8	15.4	12.6	16.3	19.3	6.9	8.1	11.7	20.2	16.7	11.5	14.2	10		
	12 - 14	8.5	5.8	7.4	11.2	11.2	12.6	5.3	5.3	7.3	14.4	8.9	5.8	8.6	10		
	15 - 17	8.6	6.0	9.6	10.6	8.8	8.1	2.9	2.5	6.7	19.4	11.2	7.8	8.5	10		
	18 - 20	7.3	6.9	5.3	6.0	4.9	4.6	1.1	1.2	2.8	11.8	9.7	6.1	5.6	10		
	21 - 23	10.2	10.7	7.4	7.3	7.3	5.2	1.4	1.6	4.7	15.4	14.3	10.1	7.8	10		
	ALL	14.3	14.1	15.7	14.2	18.8	19.0	8.5	8.7	12.7	23.7	18.1	11.6	14.9	10		
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	11.3	11.9	10.6	8.3	12.8	11.8	2.5	3.0	8.1	18.3	16.4	9.7	10.4	10		
	03 - 05	16.9	17.2	19.4	18.6	28.6	28.0	14.1	12.9	16.7	28.9	23.3	14.3	19.9	10		
	06 - 08	19.6	19.8	25.6	21.2	27.2	27.3	15.1	15.9	19.3	33.4	26.2	16.2	22.2	10		
	09 - 11	10.5	10.4	6.9	6.9	5.9	5.0	1.2	2.9	4.6	11.1	9.1	7.3	6.8	10		
	12 - 14	3.5	2.0	2.6	2.4	2.4	.8	.0	.4	1.1	5.5	3.2	1.8	2.1	10		
	15 - 17	3.7	2.2	2.0	1.6	1.7	.3	.1	.3	.7	6.9	3.8	3.2	2.2	10		
	18 - 20	4.0	3.4	2.2	.7	1.5	.6	.2	.4	.4	4.3	3.4	2.7	2.0	10		
	21 - 23	6.7	6.6	3.8	1.7	2.2	1.9	.2	.3	1.3	6.7	7.3	4.4	3.6	10		
	ALL	9.5	9.2	9.1	7.7	10.3	9.5	4.2	4.5	6.5	14.4	11.6	7.5	8.7	10		
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.6	3.8	4.1	1.4	1.7	.9	.3	.2	.8	5.6	3.7	2.9	2.5	10		
	03 - 05	7.5	7.7	7.0	6.4	8.0	3.7	2.8	2.4	3.9	9.9	10.0	6.7	6.3	10		
	06 - 08	9.5	9.0	7.8	6.7	5.8	2.7	2.2	2.4	3.8	10.4	11.0	6.8	6.5	10		
	09 - 11	3.1	1.6	.8	.1	.0	.0	.0	.0	.0	1.5	1.6	1.8	.9	10		
	12 - 14	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1	10		
	15 - 17	.3	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	10		
	18 - 20	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10		
	21 - 23	1.7	1.3	.5	.0	.0	.0	.0	.0	.0	.1	.7	.6	.4	10		
	ALL	3.4	2.9	2.6	1.8	1.9	.9	.7	.6	1.1	3.4	3.4	2.4	2.1	10		

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965-1986 :

HR/TS	JUL	AUG	SEP	ANN
60NM	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0
240NM	0/0	1/4	0/0	1/4

A W S CLIMATIC BRIEF FEB 92	STATION NAME: MATHER AFB/SACRAMENTO CA												FIELD ELEV: 96 FT		
	LATITUDE/LONGITUDE: 38 33 N 121 18 W												STATION MNC: 724835		
	HOURLY OBS FOR: AUG 81 - JUL 91												CALL SIGN: KMER		
	SUMMARY OF DAY FOR: SEP 41-JAN 46, MAY 46-JUL 91												SUPERSEDES: OCT 87		
HOURS SUMMARIZED: 0000 - 2300 LST												LST TO UTC: +08			
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	72	77	88	93	102	111	112	113	111	101	85	72	113	52	
MEAN MAX TEMP (F)	53	59	63	71	79	87	93	91	87	77	63	53	73	52	
MEAN TEMP (F)	46	51	54	59	65	72	77	75	72	64	53	46	61	52	
MEAN MIN TEMP (F)	38	41	44	47	51	57	60	60	57	51	44	39	49	52	
EXTRM MIN TEMP (F)	21	23	25	34	37	41	49	50	44	31	24	15	15	52	
D/W TEMP GE 100 (F)	0	0	0	0	1	3	5	4	2	#	0	0	15	52	
D/W TEMP GE 90 (F)	0	0	0	1	4	11	22	19	12	2	0	0	71	52	
D/W TEMP LT 40 (F)	19	11	6	2	#	0	0	0	0	1	8	17	64	52	
D/W TEMP LT 33 (F)	7	2	1	0	0	0	0	0	0	#	1	5	16	52	
HEATING DEGREE DAYS	585	393	338	186	67	8	#	#	6	72	329	563	2547	45	
COOLING DEGREE DAYS	0	0	#	17	93	229	376	339	238	63	#	0	1355	45	
MEAN DEWPOINT TEMP (F)	38	40	42	43	45	49	51	52	50	46	42	38	45	10	
MEAN WET BULB TEMP (F)	41	43	48	51	54	58	61	61	58	54	47	41	51	10	
99.95% WCPA (FT)	400	450	500	400	400	400	400	400	400	350	450	400	500	10	
MEAN REL HUM 07 LST(%)	87.9	82.1	80.9	74.9	68.0	64.8	62.1	68.9	70.6	76.5	83.6	87.3	75.6	10	
MEAN REL HUM 13 LST(%)	69.8	57.5	56.5	44.6	35.7	33.0	29.8	33.0	35.7	42.2	58.8	70.5	47.2	10	
MAX 24HR PRECIP (IN)	2.64	2.98	1.96	4.34	1.41	.79	1.33	.99	1.87	4.36	2.61	2.18	4.36	52	
MAX PRECIP (IN)	11.57	9.88	8.84	4.74	2.56	.80	1.35	1.01	2.32	8.66	7.79	7.96	40.30	52	
MEAN PRECIP (IN)	3.51	2.91	2.93	1.58	.49	.16	.06	.08	.32	1.10	2.62	2.85	18.69	52	
MIN PRECIP (IN)	.34	.48	.05	#	.00	.00	.00	.00	.00	.00	#	#	6.71	52	
D/W PRECIP GE .01 (IN)	10	8	9	5	3	1	1	1	1	4	7	9	59	52	
D/W PRECIP GT .50 (IN)	3	2	2	1	1	#	#	#	1	1	2	2	15	52	
MAX 24HR SNFL (IN)	#	#	#	0	0	0	0	0	0	#	#	1.5	1.5	46	
MAX SNFL (IN)	#	#	#	0	0	0	0	0	0	#	#	1.8	1.8	46	
MEAN SNFL (IN)	#	#	#	0	0	0	0	0	0	#	#	#	#	46	
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	46	
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	#	46	
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	#	#	46	
PRVING WND DIR (DEG)	\$14-16	\$14-16	\$14-16	20-22	20-22	20-22	20-22	20-22	\$20-22	\$11-13	\$14-16	\$14-16	\$14-16	10	
MEAN WND SPD (KTS)	3	5	5	5	5	5	5	5	4	3	4	4	4	10	
MAX WND SPD (KTS)	61	62	62	53	43	45	33	32	50	63	56	64	64	47	
SKY COVER GT 5/10 (%)	61.1	48.5	51.8	43.3	29.9	20.7	11.0	11.6	17.8	26.3	49.7	59.3	35.8	10	
D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	52	
D/W FOG (VSBY LT 7 MI)	20	12	7	4	2	1	1	1	2	7	15	20	92	52	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH \$ = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE														POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION	

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	35.9	11.0	3.8	2.7	1.8	1.3	.6	.4	.9	2.0	13.1	36.9	9.2	10
	03 - 05	39.4	13.4	7.2	3.8	3.0	4.7	1.0	1.6	1.4	4.6	16.7	41.6	11.5	10
	06 - 08	49.8	16.8	11.4	9.3	5.1	6.6	2.5	2.0	4.0	8.7	24.3	45.3	15.5	10
	09 - 11	45.1	13.6	10.2	5.1	2.9	2.0	.3	.6	1.7	5.5	20.8	43.8	12.6	10
	12 - 14	31.5	7.7	6.7	1.1	.6	.6	.0	.0	1.1	1.7	14.6	33.8	8.3	10
	15 - 17	24.8	5.4	3.7	.9	.0	.2	.0	.0	.6	.6	10.3	29.1	6.3	10
	18 - 20	25.7	5.9	2.4	1.4	.3	.3	.0	.0	.6	.8	8.8	29.9	6.3	10
	21 - 23	28.8	7.7	2.6	1.9	1.0	.2	.0	.3	.4	1.4	9.6	34.9	7.4	10
	ALL	35.1	10.2	6.0	3.3	1.8	2.0	.6	.6	1.3	3.2	14.8	36.9	9.7	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	32.6	8.3	2.9	1.1	.3	.9	.3	.3	.6	1.8	10.3	33.5	7.7	10
	03 - 05	36.3	9.9	4.9	2.3	.8	3.7	.5	.9	.9	3.4	13.2	37.4	9.5	10
	06 - 08	46.9	13.4	8.3	5.9	2.4	3.9	1.4	1.2	2.9	7.3	21.1	41.6	13.0	10
	09 - 11	41.4	11.3	6.0	1.9	.8	.7	.0	.1	1.1	2.9	18.2	40.6	10.4	10
	12 - 14	27.8	5.0	1.7	.6	.2	.1	.0	.0	.7	.6	11.3	29.8	6.5	10
	15 - 17	22.5	2.7	.9	.3	.0	.0	.0	.0	.3	.2	8.7	26.1	5.1	10
	18 - 20	23.2	3.5	.8	.6	.0	.0	.0	.0	.6	.5	6.0	24.8	5.0	10
	21 - 23	25.6	5.4	1.8	.7	.0	.1	.0	.0	.3	1.1	6.4	30.0	5.9	10
	ALL	32.0	7.4	3.4	1.7	.6	1.2	.3	.3	.9	2.2	11.9	33.0	8.0	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	27.5	4.7	2.2	.2	.0	.2	.0	.1	.0	.9	7.2	27.5	5.9	10
	03 - 05	31.4	6.4	3.4	1.3	.0	.6	.0	.3	.6	1.6	10.0	32.8	7.4	10
	06 - 08	39.3	9.7	5.5	3.8	.2	1.0	.6	.2	2.0	4.2	13.8	35.2	9.6	10
	09 - 11	32.4	8.6	3.8	.7	.1	.0	.0	.1	.4	1.8	12.8	32.9	7.8	10
	12 - 14	19.1	2.4	1.0	.6	.0	.0	.0	.0	.3	.3	5.9	20.5	4.2	10
	15 - 17	14.3	.6	.1	.2	.0	.0	.0	.0	.3	.0	3.3	16.6	2.9	10
	18 - 20	15.6	1.8	.1	.2	.0	.0	.0	.0	.2	.5	2.9	17.2	3.2	10
	21 - 23	20.8	3.0	1.1	.3	.0	.0	.0	.0	.1	.8	3.8	22.7	4.4	10
	ALL	25.0	4.6	2.1	.9	.0	.2	.1	.1	.5	1.3	7.5	25.7	5.7	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	13.2	3.1	.6	.0	.0	.0	.0	.0	.0	.3	3.6	11.9	2.7	10
	03 - 05	15.5	3.3	.5	.1	.0	.0	.0	.0	.0	.4	5.1	13.5	3.2	10
	06 - 08	14.4	3.5	1.5	.3	.0	.0	.0	.2	.0	1.2	5.1	15.7	3.5	10
	09 - 11	7.5	1.9	.1	.0	.0	.0	.0	.0	.0	.1	1.1	9.2	1.7	10
	12 - 14	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.1	10
	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.1	10
	18 - 20	2.5	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	5.9	.8	10
	21 - 23	7.1	1.4	.0	.0	.0	.0	.0	.0	.0	.2	.7	9.9	1.6	10
	ALL	7.6	1.7	.3	.1	.0	.0	.0	.0	.0	.3	1.9	8.6	1.7	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : 0															

PREPARED BY: USAFETAC NAY 1987				STATION NAME: MCCLELLAN AFB CA LOCATION: N38 40 W121 24				PERIOD: NOV 39-OCT 86 ELEV: 76 FT				STN LTYS: XNCC MBC NO: 724836																																			
AWS CLIMATIC BRIEF												MEAN												SURFACE WINDS												MEAN NUMBER OF DAYS OCCURRENCE OF:											
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)				WIND DIRECTION				SPEED				PRECIP				SHOWFALL				TEMPERATURE														
	MEAN		EXTREME		MONTHLY		MAX 24 HRS		MONTHLY		MAX 24 HRS		LST		DEV PT		PVLG		MEAN		MAX		MEAN		MAX		MEAN		MAX																		
	DAILY	NON-THLY	MAX	MIN	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX																	
	MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX																	
JAN	53	39	46	75	21	4.1	11.3	-3	3.0	8	8	8	88	78	-26	41	450	SSE	4	66	8	10	3	8	0	8	21	0	0	18	6																
FEB	60	42	51	78	26	3.6	12.7	-2	5.0	8	1	1	83	65	-28	43	500	SSE	5	60	6	9	2	8	0	1	12	0	0	10	2																
MAR	64	44	54	84	27	2.9	9.9	8	2.4	8	8	8	79	59	-29	44	500	SSE	5	66	6	9	2	8	0	1	6	0	0	6	1																
APR	71	47	59	95	33	1.7	5.4	-0	2.8	8	8	8	72	46	-29	44	350	S	5	55	5	5	1	0	0	1	3	0	8	2	0																
MAY	79	52	66	107	36	-6	2.7	-0	2.4	0	0	0	64	35	-30	45	400	SSE	5	55	4	3	8	0	0	1	1	8	5	8	0																
JUN	87	58	73	110	43	-1	-8	-0	-7	0	0	0	61	32	-35	49	400	S	6	56	3	1	8	0	0	8	8	3	12	0	0																
JUL	94	61	78	115	48	-1	-1.3	-0	-1.2	0	0	0	61	31	-39	52	400	S	6	39	2	8	8	0	0	8	8	7	23	0	0																
AUG	92	60	76	110	46	-1	-7	-0	-5	0	0	0	67	35	-40	53	400	SSE	6	32	3	8	8	0	0	8	8	4	20	0	0																
SEP	87	58	73	111	41	-3	-2.3	-0	-2.0	0	0	0	70	38	-38	51	400	SSE	5	40	3	1	8	0	0	1	2	12	0	0	0																
OCT	77	52	64	102	31	-1.1	-6.6	-0	-3.6	0	0	0	77	44	-34	48	350	SSE	3	71	4	4	3	1	0	0	8	6	2	1	8																
NOV	63	44	54	87	27	2.9	8.4	8	2.8	8	8	8	84	62	-29	44	450	SSE	3	55	6	8	2	0	0	8	16	0	0	8	1																
DEC	54	40	47	76	19	3.4	15.8	-4	3.0	8	8	8	86	71	-25	40	400	SSE	4	65	7	9	2	8	0	8	21	0	0	16	4																
ANN	73	50	62	115	19	20.9	15.8	-0	5.0	8	1	1																																			

A W S	STATION NAME: NORTON AFB CA												FIELD ELEV: 1157 FT		
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 34 06 N 117 14 W												STATION MSC: 722866		
	HOURLY OBS POR: APR 80 - MAR 90												CALL SIGN: K9BD		
	SUMMARY OF DAY POR: MAY 43-MAR 90														
	HOURS SUMMARIZED: 0000 - 2300 LST												SUPERSEDES: APR 86		
NOV 90	LST TO UTC: +08														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	91	93	99	102	111	113	112	112	113	109	96	88	113	48	
MEAN MAX TEMP (F)	64	66	68	73	79	86	95	94	90	81	72	65	78	48	
MEAN TEMP (F)	51	54	56	60	65	71	78	78	75	67	58	52	64	48	
MEAN MIN TEMP (F)	39	41	43	47	52	56	61	61	59	52	44	39	49	48	
EXTRM MIN TEMP (F)	20	25	26	32	34	40	47	46	42	31	27	24	20	48	
D/W TEMP GE 100 (F)	0	0	0	#	1	2	6	6	5	1	0	0	21	48	
D/W TEMP GE 90 (F)	#	#	1	2	5	13	26	24	17	7	1	0	96	48	
D/W TEMP LT 40 (F)	18	12	8	3	1	0	0	0	0	1	7	16	66	48	
D/W TEMP LT 33 (F)	5	2	1	#	0	0	0	0	0	#	1	3	12	48	
HEATING DEGREE DAYS	408	306	281	155	62	10	0	#	1	41	208	374	1846	47	
COOLING DEGREE DAYS	#	1	4	32	85	214	417	417	310	110	12	#	1602	47	
MEAN DEWPOINT TEMP (F)	32	36	41	44	49	53	56	57	54	47	37	33	45	10	
MEAN WET BULB TEMP (F)	43	45	49	52	56	61	64	64	61	56	48	43	54	10	
99.95% WCPA (FT)	1350	1350	1400	1350	1350	1350	1300	1350	1350	1350	1350	1350	1400	10	
MEAN REL HUM 07 LST(%)	63.2	66.1	71.0	68.0	69.9	68.8	64.7	66.8	65.1	66.4	61.9	62.5	66.2	10	
MEAN REL HUM 13 LST(%)	36.6	38.6	44.2	38.3	39.5	36.7	29.8	32.2	35.0	36.5	36.8	36.9	36.7	10	
MAX 24HR PRECIP (IN)	4.03	2.30	2.22	1.58	1.54	.48	.34	1.86	3.31	1.59	3.79	3.93	4.03	48	
MAX PRECIP (IN)	11.23	10.46	8.11	4.79	2.52	.65	.42	2.24	3.86	3.00	8.01	7.75	28.79	48	
MEAN PRECIP (IN)	2.44	2.23	2.08	1.13	.37	.06	.05	.16	.37	.49	1.47	1.89	12.72	48	
MIN PRECIP (IN)	.00	.00	#	#	#	.00	.00	.00	.00	.00	.00	.00	3.20	48	
D/W PRECIP GE .01 (IN)	6	5	7	4	2	1	1	1	1	2	4	5	39	48	
D/W PRECIP GT .50 (IN)	2	2	1	1	1	0	0	#	1	1	1	1	11	48	
MAX 24HR SNFL (IN)	6.5	#	.6	#	0	0	0	0	0	#	#	2.0	6.5	48	
MAX SNFL (IN)	7.9	#	.6	#	0	0	0	0	0	#	#	2.0	7.9	48	
MEAN SNFL (IN)	.3	#	#	#	0	0	0	0	0	#	#	#	.3	48	
D/W SNFL GE .1 (IN)	#	0	#	0	0	0	0	0	0	0	0	#	#	48	
D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	#	#	48	
MAX DLY SNO DEPTH (IN)	3	#	#	0	0	0	0	0	0	0	0	#	3	48	
PRVLNG WND DIR (DEG)	\$05-07	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$23-25	\$05-07	\$23-25	10	
MEAN WND SPD (KTS)	3	3	3	3	3	3	3	3	3	2	2	2	3	10	
MAX WND SPD (KTS)	69	55	47	47	40	48	39	56	60	57	52	64	69	48	
SKY COVER GT 5/10 (%)	40.1	46.8	49.2	43.3	44.0	29.5	17.2	18.2	28.5	35.6	37.6	39.6	35.7	10	
D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	48	
D/W FOG (VSBY LT 7 MI)	8	9	13	12	15	14	8	10	11	13	8	7	128	48	
LEGEND: ANN = ANNUAL POR/YOR = PERIOD/YEARS OF RECORD															
D/W = MEAN NUMBER OF DAYS WITH WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE															
& = BASED ON LESS THAN FULL MONTHS # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE															
** = INSTANTANEOUS PEAK WINDS \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN															
* = DATA NOT AVAILABLE WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	14.0	16.1	22.7	16.6	26.0	20.4	4.0	6.3	15.7	26.8	19.8	11.6	16.7	10
	03 - 05	13.4	18.4	23.1	24.4	39.7	37.1	11.4	14.1	23.7	31.9	19.6	11.1	22.3	10
	06 - 08	12.8	19.6	23.5	29.9	44.1	50.1	25.9	25.5	27.3	31.9	19.9	10.8	26.8	10
	09 - 11	10.4	15.6	17.2	18.7	30.5	35.1	17.5	17.3	18.6	25.1	16.3	9.0	19.3	10
	12 - 14	8.5	9.7	11.9	11.1	13.2	15.7	4.0	4.2	7.4	14.6	12.6	6.8	10.0	10
	15 - 17	9.4	9.8	9.6	6.8	4.3	3.9	.3	1.0	2.9	14.3	12.4	8.1	6.9	10
	18 - 20	10.2	9.8	10.6	5.1	4.4	2.3	.3	.8	3.4	12.7	12.8	9.0	6.8	10
	21 - 23	11.3	13.5	16.1	8.4	9.9	6.2	.8	1.8	7.8	16.8	17.1	9.9	10.0	10
	ALL	11.2	14.1	16.8	15.1	21.5	21.4	8.0	8.9	13.3	21.8	16.3	9.5	14.8	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	8.3	10.4	11.8	10.4	13.1	11.1	2.3	2.8	10.7	21.2	14.0	5.8	10.2	10
	03 - 05	7.2	9.8	12.4	15.1	27.4	29.6	10.0	10.1	17.6	25.4	13.3	5.9	15.3	10
	06 - 08	8.6	12.5	16.3	21.6	34.5	42.4	23.9	22.6	21.9	27.7	15.0	8.1	21.3	10
	09 - 11	8.1	10.2	13.8	15.4	25.7	30.0	17.0	15.9	15.3	21.6	13.2	6.7	16.1	10
	12 - 14	6.0	6.5	9.1	9.8	12.8	13.9	3.9	4.0	6.6	14.0	9.9	4.3	8.4	10
	15 - 17	6.8	6.6	7.3	5.8	4.2	3.0	.3	1.0	2.3	14.0	10.4	5.3	5.6	10
	18 - 20	6.5	6.4	6.1	4.2	3.3	1.2	.2	.6	2.8	12.2	9.3	4.2	4.7	10
	21 - 23	6.2	7.4	7.4	4.2	4.2	2.4	.4	.2	4.7	13.0	11.4	4.5	5.5	10
	ALL	7.2	8.7	10.5	10.8	15.7	16.7	7.2	7.2	10.2	18.6	12.1	5.6	10.9	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	3.8	5.0	5.8	4.4	4.1	1.1	.5	.4	2.7	9.7	7.0	2.9	3.9	10
	03 - 05	4.3	5.6	7.8	9.2	15.1	12.0	4.1	2.4	7.9	13.4	7.2	2.8	7.6	10
	06 - 08	5.3	6.4	8.1	12.8	19.9	18.2	7.6	7.7	10.8	16.2	8.4	4.1	10.5	10
	09 - 11	4.8	5.1	5.8	6.6	8.9	7.7	1.4	2.4	4.1	10.4	7.0	3.0	5.6	10
	12 - 14	3.9	2.6	3.7	2.0	2.0	2.2	.0	.2	.4	6.6	4.1	1.6	2.4	10
	15 - 17	3.4	2.5	2.3	.8	.8	.0	.0	.2	.0	5.1	4.4	1.7	1.8	10
	18 - 20	4.2	2.7	1.7	.4	.6	.0	.0	.1	.8	5.3	3.4	2.4	1.8	10
	21 - 23	4.3	3.5	3.1	1.2	.4	.2	.1	.0	.9	6.0	5.1	2.3	2.3	10
	ALL	4.2	4.2	4.8	4.7	6.5	5.2	1.7	1.7	3.4	9.1	5.8	2.6	4.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.4	.1	.4	.1	.0	.0	.0	.0	.0	.5	.7	.0	.2	10
	03 - 05	1.2	.4	1.2	1.0	.2	.2	.0	.0	.3	3.2	1.9	.3	.8	10
	06 - 08	1.9	1.4	1.4	2.0	.8	.0	.0	.0	.9	4.6	1.9	.5	1.3	10
	09 - 11	1.8	.5	.3	.1	.1	.0	.0	.0	.0	.6	.4	.4	.3	10
	12 - 14	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	18 - 20	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	21 - 23	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.8	.3	.4	.4	.1	.0	.0	.0	.2	1.1	.6	.2	.3	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @															

PREPARED BY

USAFETAC

STATION NAME

OAKLAND INTL, California

PERIOD

VARIED

STN LTRS

OAK

OCTOBER 1979

LOCATION

N37 43 W122 13

ELEV

6 FT

WBAN MO

724930

WMO NO

724930

AWS CLIMATIC BRIEF

MEAN

RELATIVE HUMIDITY

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PREPARED BY USAFETAC OCTOBER 1979				STATION NAME PALMDALE APP., CALIFORNIA LOCATION 434 38 N118 05				PERIOD NOV 48-NOV 73 B ELEV 2538 FT				STN LTBS PWD WSAN NO 23182 WMO NO 723820																																
AWS CLIMATIC BRIEF												MEAN NUMBER OF DAYS OCCURRENCE OF																																
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOW FALL (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				PRECIP (IN)				SHOW FALL (IN)				FOG (HOURS)				TEMPERATURE (°F)											
	MEAN				EXTREME				MONTHLY				MONTHLY				LST				PVLC DECTN				SPEED				PRECIP				SHOW FALL				FOG				TEMPERATURE			
	MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN			
	MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN			
	MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN				MAX MIN			
JAN	57	29	43	81	3	1.1	3.7	0	1.5	2	25	11	73	40	14	26	2850	SW	7	33	3	4	1	1	8	0	2	0	8	21	0													
FEB	62	32	47	81	11	0.8	3.8	0	1.3	0	1	1	72	33	16	29	2850	SW	8	33	3	4	0	0	1	0	2	0	8	15	0													
MAR	66	36	51	87	16	0.6	2.8	0	1.2	0	2	2	68	32	17	30	2900	SW	10	40	3	4	0	0	0	0	1	0	2	10	0													
APR	73	41	58	96	26	0.4	1.8	0	0.9	0	0	0	64	26	20	34	2800	SW	11	33	3	3	0	0	0	0	0	0	1	9	2	0												
MAY	81	49	65	104	30	0.1	0.3	0	0.3	0	0	0	59	23	12	37	2800	SW	11	33	2	1	0	0	0	0	0	0	6	7	19	0	0											
JUN	91	56	74	113	37	0	0.5	0	0.3	0	0	0	51	19	14	39	2750	SW	11	33	1	0	0	0	0	0	0	0	8	18	26	0	0											
JUL	99	64	82	112	47	0.1	0.7	0	0.6	0	0	0	39	15	16	41	2700	SW	10	33	1	1	0	0	0	0	1	0	30	31	0	0												
AUG	98	62	80	109	44	0.1	1.8	0	1.6	0	0	0	44	16	17	42	2700	SW	9	33	1	1	0	0	0	0	1	0	28	31	0	0												
SEP	91	55	73	109	34	0.2	1.8	0	0.7	0	0	0	49	18	14	39	2750	SW	8	33	1	1	0	0	0	0	1	0	19	27	0	0												
OCT	79	45	62	100	18	0.2	1.5	0	0.8	0	0	0	56	23	10	34	2750	SW	7	33	2	1	0	0	0	0	1	1	4	17	2	0												
NOV	66	35	51	86	4	0.9	4.9	0	2.5	1	12	12	67	33	17	30	2800	SW	7	33	3	3	1	0	0	0	1	0	2	12	0	0												
DEC	57	29	43	85	6	0.7	3.0	0	1.3	1	10	6	73	38	15	27	2850	SW	7	33	3	3	0	0	0	0	0	2	0	8	23	2	0											
ANN	77	44	61	113	3	5.2	4.9	0	2.5	4	25	12	60	25	20	34	2850	SW	9	40	2	2	2	1	0	0	4	9	107	164	85	0												
EVN	25	25	25	25	25	25	25	25	25	25	25	25	13	13	13	13	14	13	13	13	13	25	25	25	25	25	25	25	25	25	25	25												
REMARKS: SOURCE: REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS																																												
* DATA NOT AVAILABLE * ** MAX WIND SP CLASS (KT) *** MAX WIND SP CLASS (KT)																																												
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1 MI																																												
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN EVN 00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23																																												

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN CLEMENTE NALF, CA
LOCATION: 3301N 11835W
PREPARED BY: USAFETAC/ECO, MAR 1989

STATION #: 722925
ELEVATION (FEET): 180
PERIOD: 7301-8612

ICAO: NUC
LST = GMT - 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	83	79	86	83	86	90	86	88	102	88	82	79	102
MEAN DAILY MAX 1	62	62	63	65	66	69	71	72	72	70	66	62	67
MEAN 1	56	56	57	58	59	62	65	66	66	62	59	56	60
MEAN DAILY MIN 1	50	50	51	52	57	57	60	61	62	58	53	49	55
EXTREME MIN 1-2	24	17	34	42	46	50	50	54	54	46	35	35	32
# DAYS GE 90 1	0	0	0	0	0	#	0	0	1	0	0	0	1
# DAYS LE 32 1	#	#	0	0	0	0	0	0	0	0	0	0	#
# DAYS LE 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM 2	3.6	4.1	1.8	2.5	0.3	0.3	0.4	#	1.7	0.3	5.3	2.1	#
MEAN 2	1.8	0.7	0.5	0.5	0.1	0.1	#	0.0	0.3	0.1	1.6	0.8	6.5
MINIMUM 2	0.9	#	#	#	#	#	#	0.0	0.0	#	#	0.1	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004 1	8	7	9	6	4	3	2	2	4	3	6	6	60
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (5 LST) 1	83	86	86	85	86	88	88	88	88	87	85	86	86
RH (13 LST) 1	67	70	68	64	67	68	69	69	68	66	67	69	68
VAPOR PRESS 1	.35	.38	.37	.37	.41	.46	.50	.53	.53	.47	.41	.37	.43
DEWPOINT 1	48	50	50	50	53	56	58	60	60	57	52	49	54
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$WNW	WNW	WNW	W	W	W	W	W	W	W	W	\$W	W
MEAN SPEED													
(PVLG DRCTN) 1	9	8	10	8	8	7	7	7	7	6	7	6	8
MEAN SPEED													
(ALL OBS) 1	6	6	7	7	7	6	6	6	6	5	6	5	6
MAX PEAK GUST 1	42	40	42	45	38	29	24	23	29	37	54	40	54
PRESSURE ALT 1	530	710	760	430	370	400	390	390	500	390	470	450	760
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	4	4	4	5	5	6	6	5	4	4	4	5
DAYS TSTMS 1	#	#	#	#	#	0	#	#	1	#	#	#	3
DAYS FOG LT 7 1	10	11	7	7	10	10	11	9	10	10	9	12	115
DAYS BNBD LT 7 1	0	0	#	0	#	0	0	0	0	0	#	#	0
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, HOURLY
 2. SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE, POR 1963-1972

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	30	32	36	59	63	68	66	55	41	28	26	44
03-05 LST	26	33	31	40	65	69	77	76	58	44	28	29	48
06-08 LST	27	36	37	44	69	74	80	78	63	48	32	30	52
09-11 LST	27	33	36	36	59	64	64	63	55	41	30	28	45
12-14 LST	26	29	29	29	49	51	46	43	44	33	26	25	36
15-17 LST	26	27	29	28	49	52	50	45	44	34	24	21	36
18-20 LST	24	29	29	28	51	58	61	58	50	39	25	22	40
21-23 LST	22	30	30	31	53	60	62	61	48	37	24	24	40
ALL HOURS	25	31	31	34	57	61	63	61	52	40	27	26	42

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	25	22	28	49	55	65	62	48	33	23	21	38
03-05 LST	20	27	19	30	53	62	73	69	51	37	22	23	41
06-08 LST	21	28	25	34	52	65	74	70	52	37	26	24	42
09-11 LST	19	24	24	26	42	52	55	54	41	28	23	20	34
12-14 LST	19	21	19	20	35	40	40	36	33	23	19	18	27
15-17 LST	19	20	18	19	38	42	45	41	34	26	18	16	28
18-20 LST	19	23	19	20	41	51	58	55	42	32	21	18	33
21-23 LST	16	24	21	23	42	52	59	57	42	30	21	19	34
ALL HOURS	19	24	21	25	44	52	59	55	43	31	22	20	35

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	18	12	18	33	42	54	53	35	24	16	14	28
03-05 LST	15	20	9	20	35	44	59	58	38	27	16	16	30
06-08 LST	15	21	13	20	33	44	57	53	38	28	17	15	30
09-11 LST	12	17	12	15	25	32	36	35	28	20	14	13	22
12-14 LST	11	14	8	10	19	23	26	24	20	16	11	12	16
15-17 LST	14	14	8	11	22	28	33	29	23	19	10	11	19
18-20 LST	14	16	11	14	27	34	44	41	29	22	14	13	23
21-23 LST	11	17	11	15	28	37	49	47	30	22	15	12	25
ALL HOURS	13	17	11	15	28	36	45	42	30	22	14	13	24

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	2	2	2	3	3	1	1	2	3	4	3
03-05 LST	4	5	2	2	2	3	3	2	3	3	3	4	3
06-08 LST	4	5	2	3	2	3	3	1	2	3	2	4	3
09-11 LST	2	3	1	1	1	1	#	1	#	1	1	2	1
12-14 LST	2	2	#	#	#	#	#	#	#	#	#	1	1
15-17 LST	3	3	1	#	1	#	#	#	0	2	2	2	1
18-20 LST	3	5	1	1	1	2	1	1	1	2	3	2	2
21-23 LST	3	5	2	2	1	3	2	1	1	2	2	3	2
ALL HOURS	3	4	1	1	1	2	2	1	1	2	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN CLEMENTE NALF, CA
LOCATION: 3301N 11835W
PREPARED BY: USAFETAC/ECO, MAR 1989

STATION #: 722925
ELEVATION (FEET): 180
PERIOD: 7301-8612

ICAO: NUC
LST = GMT -8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	0	0	0	0	0	0	0	#
03-05 LST	0	#	#	0	#	0	#	#	0	#	0	0	#
06-08 LST	0	0	#	0	#	0	0	0	#	#	0	0	#
09-11 LST	0	0	#	0	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	0	#	0	0	0	0	#	0	#	0	#
15-17 LST	0	0	0	#	0	0	0	0	#	#	0	#	#
18-20 LST	#	0	0	0	#	0	0	0	#	#	0	#	#
21-23 LST	0	0	0	0	0	0	#	0	#	0	0	0	#
ALL HOURS	#	#	#	#	#	0	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	5	2	2	2	1	1	2	2	2	4	3
03-05 LST	5	6	4	3	3	3	1	2	3	1	2	4	3
06-08 LST	5	5	6	2	3	3	1	2	2	1	2	3	3
09-11 LST	5	4	4	2	2	2	1	1	2	1	3	3	3
12-14 LST	4	5	4	2	1	#	1	#	1	1	3	3	2
15-17 LST	5	5	4	2	1	#	#	1	1	1	2	3	2
18-20 LST	5	5	4	2	2	#	#	#	2	1	3	2	2
21-23 LST	4	6	5	3	1	2	1	#	1	1	2	3	2
ALL HOURS	5	5	5	2	2	2	1	1	2	1	2	3	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	1	#	0	0	#	#	0	1	1
03-05 LST	1	1	2	2	1	0	0	0	0	#	#	2	1
06-08 LST	1	1	1	1	1	0	#	0	#	#	#	1	1
09-11 LST	1	1	2	1	1	0	#	0	#	#	#	1	1
12-14 LST	1	1	2	3	2	#	#	#	#	#	#	1	1
15-17 LST	2	1	3	3	2	#	#	#	#	1	#	1	1
18-20 LST	1	1	2	2	2	#	0	0	0	1	1	1	1
21-23 LST	1	1	1	2	2	0	0	0	0	1	1	1	1
ALL HOURS	1	1	2	2	1	#	#	#	#	#	#	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 φ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	13	8	13	20	25	42	37	26	19	12	12	20
03-05 LST	12	16	7	13	22	29	46	41	28	21	12	14	22
06-08 LST	12	17	9	13	19	29	40	34	25	21	13	12	20
09-11 LST	8	13	7	9	14	18	24	20	18	14	10	10	14
12-14 LST	9	11	5	6	8	13	15	12	13	12	8	9	10
15-17 LST	11	12	6	7	11	14	21	17	16	15	8	9	12
18-20 LST	11	14	7	9	16	20	31	27	22	18	11	10	16
21-23 LST	9	15	8	11	17	24	36	32	22	17	11	9	18
ALL HOURS	10	14	7	10	16	21	32	28	21	17	11	11	16

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	10	5	7	7	12	15	13	10	11	8	7	9
03-05 LST	7	11	5	7	9	13	16	15	12	12	7	9	10
06-08 LST	7	11	5	6	8	11	14	11	10	10	7	8	9
09-11 LST	5	9	4	4	4	6	7	4	4	6	5	6	5
12-14 LST	5	7	2	2	2	3	4	2	2	4	4	5	4
15-17 LST	6	8	3	3	2	3	4	2	4	6	4	4	4
18-20 LST	6	10	4	4	4	7	10	5	7	10	6	6	7
21-23 LST	6	10	5	6	5	8	13	9	8	9	7	6	8
ALL HOURS	6	9	4	5	5	8	10	8	7	8	6	6	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	3	3	4	6	7	3	3	5	4	4	4
03-05 LST	6	7	2	4	5	7	6	5	4	5	4	6	5
06-08 LST	5	8	3	4	4	6	5	4	4	5	4	6	5
09-11 LST	3	6	2	2	2	2	1	1	1	2	3	4	2
12-14 LST	3	5	1	1	1	#	1	1	1	2	2	2	1
15-17 LST	4	5	1	0	1	1	#	1	1	2	3	3	2
18-20 LST	4	7	2	1	2	3	3	1	2	5	4	3	3
21-23 LST	3	7	3	2	3	5	5	2	2	4	4	4	4
ALL HOURS	4	6	2	2	3	4	3	2	2	4	3	4	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	1	2	1	2	2	0	1	1	1	2	2
03-05 LST	3	4	1	2	1	2	2	1	2	2	2	3	2
06-08 LST	3	4	2	2	1	2	1	#	1	2	1	3	2
09-11 LST	1	2	1	1	#	#	0	#	#	#	#	2	1
12-14 LST	1	1	#	0	0	0	#	0	0	#	#	#	#
15-17 LST	2	2	1	#	#	0	0	#	#	1	1	1	1
18-20 LST	2	4	1	1	#	1	1	1	#	2	2	1	1
21-23 LST	2	4	1	1	#	1	1	#	#	1	1	2	1
ALL HOURS	2	3	1	1	#	1	1	#	1	1	1	2	1

A W S CLIMATIC BRIEF June 1988	Station Name: TRAVIS AFB CA												Field Elev: 62 ft	
	Latitude/Longitude: N38 16 W121 56												Station MSC: 745160	
	Hourly Obs POR: Mar 78 to Feb 88												Call Sign: KSUU	
	Summary of Day POR: Aug 43 to Feb 88												Supersedes: Dec 1983	
LST - GMT -8														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	78	77	86	95	101	111	115	109	111	102	89	76	115	45
MEAN MAX TEMP °F	53	59	63	69	75	82	86	86	84	76	63	54	71	45
MEAN TEMP °F	46	51	54	58	63	69	72	72	71	64	54	47	60	45
MEAN MIN TEMP °F	38	42	44	47	51	55	57	57	57	52	45	39	49	45
XTRM MIN TEMP °F	19	29	28	30	34	42	49	48	45	35	26	22	19	45
D/W TEMP > 95°F	0	0	0	#	1	4	5	5	4	1	0	0	20	45
D/W TEMP > 85°F	0	0	#	1	5	10	18	16	14	5	#	0	69	45
D/W TEMP < 40°F	18	9	5	2	#	0	0	0	0	#	6	16	56	45
D/W TEMP < 32°F	6	1	#	#	0	0	0	0	0	0	1	5	13	45
VAPOR PRESS "Hg	.24	.26	.28	.29	.31	.35	.38	.39	.36	.32	.26	.23	.30	10
MEAN DEWPOINT °F	39	41	43	44	46	49	51	52	50	47	41	38	45	10
99.95% WCPA Ft	450	500	500	350	350	350	350	350	400	350	450	400	500	10
MEAN RH 07 LST %	83	76	74	70	64	64	67	70	69	72	73	79	72	10
MEAN RH 13 LST %	71	60	58	49	39	36	35	37	36	43	54	67	49	10
MAX 24HR PRECIP "	4.8	2.6	1.8	2.7	1.0	.8	.5	.2	2.8	3.0	3.0	2.4	4.8	45
MAX PRECIP "	9.2	10.2	9.2	4.4	1.7	1.2	.5	.6	2.8	4.7	7.4	11.9	39.0	45
MEAN PRECIP "	3.8	2.9	2.4	1.1	.3	.1	#	#	.2	1.0	2.6	3.1	17.5	45
MIN PRECIP "	.2	#	.1	#	.0	.0	.0	.0	.0	.0	#	.1	5.2	45
D/W PRECIP > .01"	9	8	8	5	2	1	#	#	1	3	7	9	53	45
D/W PRECIP > .5"	3	2	2	1	#	#	0	0	#	1	2	2	13	45
MAX 24HR SNFL "	2	#	0	0	0	0	0	0	0	0	0	#	2	42
MAX SNFL "	2	#	0	0	0	0	0	0	0	0	0	#	2	42
MEAN SNFL "	#	#	0	0	0	0	0	0	0	0	0	#	#	42
D/W SNFL > .1"	#	0	0	0	0	0	0	0	0	0	0	0	#	42
D/W SNFL > 1.5"	#	0	0	0	0	0	0	0	0	0	0	0	#	42
MEAN WND DRCTN	\$N	\$N	WSW	WSW	WSW	SW	SW	WSW	SW	SW	\$N	\$N	SW	10
MEAN WND SPD Kts	5	6	6	7	10	12	12	12	9	6	5	5	8	10
MAX WND SPD** Kts	60	65	58	53	46	47	46	45	47	51	54	54	65	10
MEAN CLD CVR 10th	7	6	6	5	4	3	3	3	3	4	6	7	5	10
D/W TSTORMS	#	#	1	1	#	#	#	#	#	1	#	#	3	42
D/W FOG VSBY <7mi	21	14	7	3	1	#	#	1	2	7	15	21	92	42
Legend: ANN - Annual YOR - Years of record POR - Period of record D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude @ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** - Instantaneous peak winds * - Data not available \$ - Percentage of <u>calm</u> winds > mean direction														
REMARKS: Hurricane/tropical storm data not available at this time; to be furnished later.														

A W S CLIMATIC BRIEF		Station Name: TRAVIS AFB CA Latitude/Longitude: N38 16 W121 56 Hourly Obs POR: Mar 78 to Feb 88 Summary of Day POR: Aug 43 to Feb 88 LST - GMT -8										Field Elev: 62 ft Station MSC: 745160 Call Sign: KSUU Supersedes: Dec 1983			
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	40	9	4	3	3	1	2	1	2	1	12	36	10	
	03-05	45	12	8	5	4	3	3	3	3	2	17	43	12	
	06-08	52	21	13	5	4	2	3	3	5	6	22	46	15	
	09-11	48	19	13	5	3	1	1	1	3	3	18	45	13	
	LESS THAN	12-14	39	11	6	2	#	#	#	0	1	1	13	35	9
3000/3	15-17	32	10	4	1	0	1	#	0	1	2	10	29	8	
	18-20	31	9	4	1	1	1	0	#	#	2	9	31	7	
	21-23	33	8	3	2	1	1	#	#	1	1	11	33	8	
	00-24	40	12	7	3	2	1	1	1	2	2	14	37	10	10
CIG/VSBY	00-02	36	6	2	1	#	1	1	1	1	1	10	33	8	
	03-05	40	8	4	2	1	2	2	2	2	2	14	39	10	
	06-08	47	16	9	3	2	2	2	2	3	4	19	41	13	
	09-11	44	14	7	1	1	#	#	#	1	2	15	41	11	
	LESS THAN	12-14	32	8	2	#	0	0	0	#	1	11	31	7	
1500/3	15-17	26	6	1	#	0	0	0	0	#	1	9	26	6	
	18-20	27	5	2	#	0	#	0	#	0	1	7	28	6	
	21-23	29	5	1	#	#	1	#	#	#	1	7	30	6	
	00-24	35	9	4	1	1	1	1	1	1	2	12	34	9	10
CIG/VSBY	00-02	29	4	1	#	#	1	#	#	#	1	6	27	6	
	03-05	35	7	2	1	1	2	1	1	1	1	10	32	8	
	06-08	39	13	6	1	1	1	1	1	1	3	16	35	10	
	09-11	37	12	4	1	0	#	0	0	0	1	12	35	9	
	LESS THAN	12-14	24	5	1	#	0	0	0	0	0	#	6	25	5
1000/2	15-17	18	3	1	#	0	0	0	0	0	1	6	18	4	
	18-20	20	2	#	#	0	0	0	0	0	#	4	18	4	
	21-23	24	3	#	#	0	#	0	0	0	#	5	23	5	
	00-24	28	6	2	#	#	1	#	#	#	1	8	27	6	10
CIG/VSBY	00-02	12	1	#	0	0	0	0	0	0	0	1	13	2	
	03-05	17	2	#	#	0	0	0	0	0	#	3	15	3	
	06-08	18	6	2	#	0	0	0	0	0	#	5	17	4	
	09-11	10	3	#	0	0	0	0	0	0	0	2	14	2	
	LESS THAN	12-14	1	0	0	0	0	0	0	0	0	#	3	#	
200/1/2	15-17	#	0	0	0	0	0	0	0	0	0	#	2	#	
	18-20	3	#	0	0	0	0	0	0	0	0	0	6	1	
	21-23	7	#	0	0	0	0	0	0	0	0	1	10	2	
	00-24	9	2	#	#	0	0	0	0	0	#	2	10	2	10

A W S	STATION NAME: VANDENBERG AFB CA													FIELD ELEV: 367 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 34 44 N 120 35 W													STATION MSC: 723930
(LIMITED)	HOURLY OBS POR: SEP 79 - AUG 89													CALL SIGN: KVBG
FEB 90	SUMMARY OF DAY POR: 5110-5212, 5804-7308 (FULL TIME), 7309-8908 (PART TIME)													SUPERSEDES: AUG 85
	HOURS SUMMARIZED: 00-23 LST (5110-5212, 5804-7308), 08-17 LST (7309-8908)													
	LST TO UTC: +08													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	83	83	87	97	93	98	95	96	100	99	87	87	100	33
MEAN MAX TEMP (F)	61	61	60	61	61	64	65	66	68	68	65	62	64	33
MEAN TEMP (F)	53	54	54	55	56	58	60	61	62	61	57	54	57	33
MEAN MIN TEMP (F)	45	46	47	49	50	53	54	55	55	52	49	45	50	33
EXTRM MIN TEMP (F)	25	31	31	36	37	41	45	45	41	35	32	26	25	33
D/W TEMP GE 90 (F)	0	0	0	1	#	1	#	#	1	1	0	0	4	33
D/W TEMP GE 80 (F)	1	#	1	1	1	1	1	1	2	2	1	1	13	33
D/W TEMP LT 40 (F)	7	3	3	1	1	0	0	0	0	1	2	6	24	33
D/W TEMP LT 33 (F)	1	#	#	0	0	0	0	0	0	0	#	1	2	33
HEATING DEGREE DAYS	389	344	375	337	315	236	196	154	135	160	259	384	3284	16
COOLING DEGREE DAYS	1	#	#	3	1	1	1	3	17	22	4	1	54	16
MEAN DEWPOINT TEMP (F)	43	44	47	47	49	52	54	55	56	51	46	43	49	10
MEAN WET BULB TEMP (F)	50	51	52	53	53	56	58	59	60	56	53	50	54	10
99.95% WCPA (FT)	600	700	700	600	550	550	550	550	600	550	600	650	650	10
MEAN REL HUM 07 LST(%)	70.2	74.1	78.2	74.5	78.3	80.2	84.0	85.0	82.7	75.9	70.5	68.5	77.9	10
MEAN REL HUM 13 LST(%)	56.3	58.9	65.4	62.7	67.1	67.8	69.5	68.7	67.1	61.8	57.1	56.1	63.3	10
MAX 24HR PRECIP (IN)	2.47	2.05	3.22	1.75	1.35	.18	.09	.87	1.72	1.49	2.50	4.25	4.25	39
MAX PRECIP (IN)	9.30	9.21	7.02	4.61	2.67	.32	.14	1.04	2.28	2.55	6.26	5.50	28.40	31
MEAN PRECIP (IN)	2.53	2.41	2.20	1.12	.17	.05	.02	.04	.15	.67	2.04	2.03	13.35	31
MIN PRECIP (IN)	.21	.08	#	.01	#	#	#	#	.00	#	.00	.16	4.72	31
D/W PRECIP GE .01 (IN)	8	8	8	6	3	2	1	2	3	3	6	7	57	31
D/W PRECIP GT .50 (IN)	2	2	2	1	#	0	0	#	#	1	1	1	10	31
MAX 24HR SNFL (IN)	.9	0	0	#	0	0	0	0	0	0	#	#	.9	31
MAX SNFL (IN)	1.6	0	0	#	0	0	0	0	0	0	#	#	1.6	31
MEAN SNFL (IN)	.1	0	0	0	0	0	0	0	0	0	0	0	.1	31
D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	31
MAX DLY SNO DEPTH (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31
PRVING WND DIR (DEG)	32-34	32-34	32-34	32-34	29-31	29-31	29-31	29-31	29-31	29-31	32-34	32-34	29-31	10
MEAN WND SPD (KTS)	7	8	9	9	10	9	7	6	7	7	7	7	8	10
MAX WND SPD (KTS)	48	54	42	40	37	36	37	37	33	36	52	44	54	26
SKY COVER GT 5/10 (%)	48.0	55.6	49.0	48.5	52.0	54.1	53.0	51.1	49.0	46.9	46.0	47.9	50.2	10
D/W THUNDERSTORMS	1	1	1	#	#	1	1	1	1	#	1	#	8	31
D/W FOG (VSBY LT 7 MI)	9	11	12	13	18	21	27	27	21	17	12	10	198	31
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ATITUDE # = LESS THAN 0.5 DAYS OR TRAC \$ = PERCENTAGE OF CALM WINDS WIND DIRECTION R THAN OR EQUAL TO MEAN														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	18.0	25.1	26.9	36.1	52.6	68.2	76.4	80.1	57.5	41.4	21.4	12.4	43.0	10
	09 - 11	13.0	17.6	18.5	21.3	35.2	47.6	49.2	56.0	37.8	28.2	13.9	11.3	29.1	10
	12 - 14	10.6	13.6	14.4	16.3	28.1	33.2	27.5	22.2	21.8	20.6	11.7	9.5	19.1	10
	15 - 17	12.2	14.4	18.4	18.7	29.4	39.0	36.2	28.4	31.7	27.6	15.5	11.4	23.6	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	12.7	16.4	18.4	21.5	35.3	45.7	45.5	45.2	35.6	28.3	14.7	10.9	27.7	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	08 - 08	8.5	17.6	18.6	28.4	45.4	60.4	73.1	75.8	49.1	35.2	17.1	9.0	36.5	10
	09 - 11	6.0	9.1	10.5	15.2	27.4	40.1	45.4	48.1	31.5	21.3	9.6	8.6	22.7	10
	12 - 14	3.7	7.2	7.4	10.4	21.9	26.1	24.1	18.7	17.9	15.1	8.2	4.4	13.8	10
	15 - 17	4.6	8.2	13.6	13.2	24.5	31.0	33.0	26.7	28.6	24.4	12.1	7.8	19.0	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	5.3	9.3	11.5	15.3	28.8	38.1	42.0	40.6	30.3	22.7	10.8	7.2	22.0	10
	CIG LT 1000 FT AND/OR VSBY	00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*
08 - 08		7.4	13.3	14.8	25.5	37.2	51.8	69.0	70.8	45.5	31.5	14.8	8.6	32.5	10
09 - 11		4.7	6.8	7.6	10.8	21.0	28.1	36.4	39.1	26.4	17.1	7.4	6.1	17.6	10
12 - 14		2.5	5.4	4.5	8.4	14.4	12.5	15.8	9.1	13.0	9.2	5.8	2.0	8.5	10
15 - 17		2.2	5.5	9.9	8.6	17.0	16.9	23.8	17.7	21.2	18.0	9.2	5.4	12.9	10
18 - 23		*	*	*	*	*	*	*	*	*	*	*	*	*	10
ALL		3.7	6.8	8.2	11.8	21.4	25.9	34.2	32.2	25.1	17.6	8.4	5.0	16.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 07	*	*	*	*	*	*	*	*	*	*	*	*	*
	08 - 08	1.5	5.9	5.2	9.5	11.1	12.4	22.9	24.9	19.8	11.1	4.7	3.4	11.0	10
	09 - 11	1.1	1.5	.9	1.5	2.3	1.6	1.1	1.4	2.9	1.9	1.7	.8	1.6	10
	12 - 14	.2	.3	.3	.2	.2	.0	.0	.1	.5	.6	.2	.0	.2	10
	15 - 17	.3	.8	1.6	.5	.0	.0	.4	.0	.2	1.5	1.0	.0	.5	10
	18 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	ALL	.6	1.5	1.5	2.1	2.9	2.9	4.9	5.4	4.9	3.1	1.4	.6	2.7	10
	HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:														
HR/TS	JUL	AUG	SEP	ANN											
60NM	0/0	0/0	0/0	0/0											
120NM	0/0	0/0	0/0	0/0											
240NM	0/0	0/2	0/0	0/2											
REMARKS : @ SUMMARY OF THE DAY (SOD) 24-HR PRECIP DATA WERE SUPPLEMENTED FROM:															
CLIMATOGRAPHY OF THE UNITED STATES (NO. 20) FOR LOMPOC CA, POR: JAN 51 - DEC 80.															
NOTE 1: MAX 24-HR PRECIP FOR FEB ADJUSTED FROM 3.14 (SOCS - FEB 83) TO 2.05 (SOCS - FEB 63). MAX 24-HR PRECIP FOR MAY ADJUSTED FROM 2.15 (SOCS - MAY 77) TO 1.35 (AVERAGE OF ESTIMATED KVBC AMOUNT AND LOMPOC AMOUNT FOR 8 MAY 77). ORIGINAL AMOUNTS FOR BOTH MONTHS BASED ON 2 OR 3 DAY CUMULATIVE PRECIP AMOUNTS.															
NOTE 2: MEAN JAN SNOWFALL OF .1 INCHES BASED ON ONE MEASURABLE SNOWFALL EVENT OF 1.6 INCHES (21-22 JAN 62).															

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BUCKLEY ANGB, CO
 LOCATION: 3943N 10445W
 PREPARED BY: USAFETAC/DOC, OCT 1992

STATION #: 724695
 ELEVATION (FEET): 5663
 PERIOD: 7301-9012

ICAO: BKF
 LST = GMT -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	68	74	77	83	88	100	107	102	95	85	77	107
MEAN DAILY MAX	1	40	44	51	60	68	80	86	84	77	66	51	63
MEAN	1	28	32	38	46	55	66	72	70	62	51	38	49
MEAN DAILY MIN	1	19	23	28	35	43	53	59	58	49	39	28	38
EXTREME MIN	1	-13	-15	-4	3	19	34	45	45	18	15	-10	-24
# DAYS GE 90	1	0	0	0	0	0	5	11	6	2	0	0	24
# DAYS LE 32	1	28	23	22	11	2	0	0	0	1	6	19	137
# DAYS LE 0	1	2	1	#	0	0	0	0	0	0	#	2	6
2. PRECIPITATION (INCHES)													
MAXIMUM	2	1.4	1.2	4.4	2.8	5.8	3.6	6.8	5.2	3.5	2.8	2.4	42.4
MEAN	2	0.6	0.4	1.3	1.5	3.0	1.6	2.3	1.9	1.0	0.9	0.8	16.0
MINIMUM	2	0.1	0.0	0.3	0.2	0.1	0.0	0.9	0.3	0.0	0.1	0.1	2.1
MAX 24 HR	2	0.9	0.6	2.2	1.6	3.8	2.5	4.0	2.1	1.6	0.7	1.0	4.0
# DAYS W/PRECIP	1	9	10	13	12	16	13	15	14	10	8	9	137
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	2	6.6	5.1	11.6	7.4	3.5	0.1	0.0	0.0	2.5	3.3	8.2	56.7
MAXIMUM	2	15.4	13.3	35.6	18.2	11.5	0.2	0.0	0.0	6.3	11.2	25.6	35.6
MAX 24 HR	2	9.3	8.5	19.0	16.2	9.8	0.2	0.0	0.0	5.9	5.8	13.2	19.0
# DAYS W/SNOW	1	9	9	11	6	2	#	0	0	1	3	8	58
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	59	60	62	64	67	62	61	62	60	56	59	61
RH (14 LST)	1	44	42	40	36	36	30	26	28	28	30	37	35
VAPOR PRESS	1	.09	.10	.12	.15	.22	.28	.33	.33	.24	.16	.11	.18
DEWPOINT	1	12	15	20	26	35	42	46	46	38	27	19	28
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCIN	1	S	S	S	S	S	S	S	S	S	S	S	S
MEAN SPEED													
(PVLG DRCIN)	1	7	6	8	8	8	8	7	7	7	6	6	7
MEAN SPEED													
(ALL OBS)	1	6	6	7	7	7	6	6	5	6	5	5	6
MAX PEAK GUST	1	50	40	68	55	62	49	49	61	52	53	48	68
PRESSURE ALT	1	6330	6300	6450	6420	6150	6000	5850	5860	6190	6130	6230	6460
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	4	4	5	5	5	4	4	4	4	4	4	4
DAYS TSTMS	1	0	0	#	3	8	11	14	12	5	1	#	54
DAYS FOG LT 7	1	7	7	9	6	6	2	2	2	4	4	6	62
DAYS BNBD LT 7	1	#	#	1	#	#	#	#	#	#	#	#	2

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, HOURLY OBSERVATIONS.
 2. USAFETAC SUMMARY OF DAY DATA, JAN 73 - DEC 90.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	16	17	12	11	4	1	2	7	8	14	13	10
03-05 LST	12	16	18	14	15	6	3	4	8	9	14	13	11
06-08 LST	12	17	19	15	16	8	6	7	11	10	14	14	12
09-11 LST	11	15	17	14	14	6	4	5	10	10	13	12	11
12-14 LST	9	13	17	13	12	4	2	2	6	9	11	10	9
15-17 LST	9	12	16	13	10	3	2	3	6	8	11	11	9
18-20 LST	10	13	16	13	10	3	2	2	5	7	13	12	9
21-23 LST	11	13	17	12	10	3	2	2	6	8	14	12	9
ALL HOURS	11	14	17	13	12	5	3	4	7	8	13	12	10

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	14	14	10	7	2	1	1	5	5	11	10	8
03-05 LST	10	14	14	11	11	4	3	3	6	7	12	10	9
06-08 LST	9	16	16	13	13	6	5	6	8	9	12	12	10
09-11 LST	10	13	15	12	10	4	3	3	7	7	11	11	9
12-14 LST	7	11	13	9	8	2	1	1	4	6	10	9	7
15-17 LST	8	10	12	9	6	2	1	1	4	5	9	9	6
18-20 LST	8	11	13	10	7	2	1	2	4	6	10	10	7
21-23 LST	8	11	14	10	7	2	1	1	4	5	11	9	7
ALL HOURS	9	12	14	11	9	3	2	2	5	6	11	10	8

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	12	8	6	2	1	1	4	5	10	9	6
03-05 LST	7	12	12	10	10	3	2	2	5	6	11	8	7
06-08 LST	8	13	14	12	10	4	3	4	6	8	11	11	9
09-11 LST	7	10	12	10	7	2	1	1	5	6	10	9	7
12-14 LST	5	8	10	7	5	1	#	1	3	4	8	7	5
15-17 LST	6	7	10	6	4	1	1	1	3	4	7	7	5
18-20 LST	7	8	11	8	4	1	#	1	3	4	9	9	5
21-23 LST	7	9	12	9	5	2	1	1	3	5	10	8	6
ALL HOURS	7	10	12	9	6	2	1	1	4	5	9	8	6

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	4	3	1	#	#	#	#	1	4	2	2
03-05 LST	2	4	4	3	2	#	1	1	1	1	4	2	2
06-08 LST	3	4	4	4	2	#	1	1	1	2	4	4	2
09-11 LST	1	1	4	2	1	0	0	#	#	1	3	2	1
12-14 LST	1	1	2	2	#	0	0	0	#	1	2	2	1
15-17 LST	1	1	2	1	#	0	#	0	1	#	2	2	1
18-20 LST	1	2	3	2	1	0	#	0	#	#	3	2	1
21-23 LST	1	2	3	2	1	#	0	0	#	1	4	2	1
ALL HOURS	1	2	3	2	1	#	#	#	0	1	3	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BUCKLEY ANGB, CO
LOCATION: 3943N 10445W
PREPARED BY: USAFETAC/DOC, OCT 1992

STATION #: 724695
ELEVATION (FEET): 5663
PERIOD: 7301-9012

ICAO: BKF
LST = GMT -7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	1	1	1	#	0	0	0	#
03-05 LST	0	0	0	#	#	#	#	#	#	0	0	0	#
06-08 LST	0	0	0	0	#	#	#	#	#	#	0	0	#
09-11 LST	0	0	#	#	1	#	#	#	#	0	0	0	#
12-14 LST	0	0	#	1	4	4	3	3	1	#	#	0	1
15-17 LST	0	0	#	2	7	9	13	11	3	#	0	0	4
18-20 LST	0	0	#	1	4	8	10	8	4	#	#	0	3
21-23 LST	0	0	#	1	2	3	4	3	1	0	0	0	1
ALL HOURS	0	0	#	1	2	3	4	3	1	#	#	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	4	8	4	3	3	4	3	1	1	3
03-05 LST	1	1	1	4	8	3	2	1	5	3	1	1	3
06-08 LST	0	1	2	3	7	4	2	2	6	3	2	1	3
09-11 LST	0	#	1	3	6	4	1	2	5	3	1	#	2
12-14 LST	0	#	1	4	9	5	2	4	4	3	1	0	3
15-17 LST	0	1	2	6	11	9	9	9	6	3	1	0	5
18-20 LST	0	1	2	5	11	8	12	8	7	4	2	#	5
21-23 LST	#	#	2	5	9	6	6	4	5	4	1	1	4
ALL HOURS	#	1	2	4	9	5	5	4	5	3	1	1	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	12	13	7	2	#	0	0	1	3	9	11	6
03-05 LST	10	13	12	7	3	0	0	0	1	4	8	10	6
06-08 LST	10	12	12	7	2	0	0	0	#	3	9	11	5
09-11 LST	9	12	12	7	2	0	0	0	#	4	8	10	5
12-14 LST	7	10	11	6	1	0	0	0	#	3	7	8	4
15-17 LST	7	8	11	5	1	#	0	0	1	3	7	8	4
18-20 LST	10	10	12	7	2	0	0	0	1	3	10	11	5
21-23 LST	10	12	14	8	2	0	0	0	1	3	10	11	6
ALL HOURS	9	11	12	7	2	#	0	0	1	3	8	10	5

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	2	2	1	1	1	1	#	#	1	1
03-05 LST	1	1	2	2	2	#	#	#	1	#	1	1	1
06-08 LST	1	1	2	2	2	1	#	#	#	#	1	1	1
09-11 LST	1	2	5	5	3	2	#	#	1	2	2	2	2
12-14 LST	4	4	8	8	8	3	1	1	2	2	3	3	4
15-17 LST	2	3	9	11	8	6	6	2	3	2	2	2	5
18-20 LST	1	1	4	6	4	3	3	1	2	1	1	1	2
21-23 LST	1	1	2	3	2	2	1	1	1	1	1	1	1
ALL HOURS	2	1	4	5	4	2	2	1	1	1	1	1	2

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, HOURLY OBSERVATIONS.
 2. USAFETAC SUMMARY OF DAY DATA, JAN 73 - DEC 90.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	10	11	8	5	1	1	1	3	4	9	8	6
03-05 LST	6	11	12	9	8	3	2	2	5	5	10	8	7
06-08 LST	7	12	13	12	8	3	3	3	6	7	10	10	8
09-11 LST	7	9	12	8	5	1	1	1	4	5	9	9	6
12-14 LST	5	7	9	6	4	1	#	#	2	4	7	6	4
15-17 LST	5	6	9	6	3	1	#	1	2	3	6	7	4
18-20 LST	6	8	10	7	3	1	#	1	2	4	8	8	5
21-23 LST	6	8	11	7	4	1	#	#	3	4	9	7	5
ALL HOURS	6	9	11	8	5	2	1	1	3	4	9	8	6

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	10	7	4	1	1	1	2	3	8	6	4
03-05 LST	4	8	10	8	6	2	2	1	4	4	9	6	5
06-08 LST	6	9	12	10	6	2	2	3	4	5	9	8	6
09-11 LST	5	7	9	7	4	1	#	1	2	4	7	7	4
12-14 LST	3	4	7	5	2	#	#	#	1	2	6	4	3
15-17 LST	4	4	7	4	2	#	#	#	1	2	5	5	3
18-20 LST	4	6	7	5	2	#	#	#	2	3	7	6	4
21-23 LST	4	7	9	6	3	1	#	#	2	3	8	5	4
ALL HOURS	4	6	9	6	4	1	1	1	2	3	7	6	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	7	5	2	#	#	#	1	1	6	4	3
03-05 LST	3	5	7	5	3	1	1	1	1	2	6	4	3
06-08 LST	4	7	8	7	3	1	1	2	2	3	7	6	4
09-11 LST	4	3	6	4	2	#	#	#	1	2	5	5	3
12-14 LST	2	2	5	3	1	#	0	#	#	1	4	4	2
15-17 LST	3	3	5	3	1	0	#	#	1	1	4	4	2
18-20 LST	2	4	5	3	1	#	#	#	1	1	5	4	2
21-23 LST	3	4	6	4	2	#	#	#	1	1	6	3	3
ALL HOURS	3	4	6	4	2	#	#	#	1	2	5	4	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	2	1	1	#	#	#	#	#	2	1	1
03-05 LST	1	2	2	1	1	#	1	#	#	1	2	1	1
06-08 LST	2	2	2	2	1	0	#	1	#	1	2	2	1
09-11 LST	1	#	1	1	0	0	0	0	#	#	1	1	#
12-14 LST	#	#	1	1	#	0	0	0	#	#	1	1	#
15-17 LST	#	#	1	1	#	0	#	0	#	#	1	1	#
18-20 LST	#	1	1	1	#	0	0	0	#	#	2	1	#
21-23 LST	1	1	2	1	#	0	0	0	#	#	1	1	1
ALL HOURS	1	1	1	1	#	#	#	#	#	#	1	1	1

A W S CLIMATIC BRIEF January 1988		Station Name: BUCKLEY ANGB CO Latitude/Longitude: N39 43 W104 45 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Mar 61 to Aug 87 LST - GMT -7		Field Elev: 5,663 ft Station MSC: 724695 Call Sign: KBKF Supersedes: Sep 1983											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F		68	74	82	83	89	100	107	102	94	85	77	76	107	27
MEAN MAX TEMP °F		40	44	49	58	68	78	86	83	74	63	50	42	61	27
MEAN TEMP °F		29	33	38	46	56	66	73	71	62	51	39	32	50	27
MEAN MIN TEMP °F		18	22	26	34	43	53	59	58	49	38	27	20	37	27
XTRM MIN TEMP °F		-30	-14	-7	3	19	34	42	44	18	5	-11	-16	-30	27
D/W TEMP > 90°F		0	0	0	0	0	4	10	6	1	0	0	0	21	27
D/W TEMP > 80°F		0	0	#	#	4	15	26	24	12	2	0	0	83	27
D/W TEMP < 32°F		28	24	24	13	2	0	0	0	1	7	21	27	147	27
D/W TEMP < 0°F		3	1	#	0	0	0	0	0	0	0	#	2	6	27
VPR PRESS ("Hg)		.08	.10	.12	.15	.21	.28	.32	.32	.23	.15	.11	.09	.17	10
MEAN DEWPOINT °F		14	18	22	27	36	43	47	47	38	28	20	15	30	10
99.95% WCPA Ft		6250	6200	6350	6250	6150	5950	5800	5800	6000	6100	6250	6250	6150	10
MEAN RH 07 LST %		62	62	63	59	62	56	53	57	55	57	62	61	59	10
MEAN RH 13 LST %		49	46	45	38	41	34	27	31	29	34	41	47	39	10
MAX 24HR PRECIP "		.8	.8	2.2	2.6	3.8	3.7	4.0	2.5	1.6	1.3	1.0	1.9	4.0	27
MAX PRECIP "		1.2	1.5	4.4	3.1	6.2	6.5	6.8	6.8	4.2	4.6	2.4	2.5	6.8	27
MEAN PRECIP "		.5	.5	1.2	1.5	2.8	2.1	2.2	2.0	1.3	.9	.8	.5	16.3	27
MIN PRECIP "		.1	#	.3	#	.1	#	.4	.3	#	.1	.2	#	#	27
D/W PRECIP > .01"		5	5	8	7	10	8	9	9	6	5	5	5	82	27
D/W PRECIP > .5"		#	#	#	1	2	1	1	1	1	#	#	#	7	27
MAX 24HR SNFL "		8	9	19	16	13	#	0	0	12	14	13	19	19	27
MAX SNFL "		15	17	36	18	15	#	0	0	19	42	26	23	42	27
MEAN SNFL "		6	6	12	7	2	#	0	0	2	4	8	6	53	27
D/W SNFL > .1"		5	5	7	3	1	#	0	0	1	2	4	4	32	27
D/W SNFL > 1:5"		1	1	3	1	#	0	0	0	#	1	2	1	10	27
MEAN WND DRCTN		S	S	S	S	S	S	S	S	S	S	S	S	S	10
MEAN WND SPD Kts		6	6	7	8	6	6	6	5	6	5	5	6	6	10
MAX WND SPD** Kts		54	47	69	55	65	59	50	61	54	53	51	58	69	21
MEAN CLD CVR 10th		6	6	6	6	7	5	5	6	5	5	6	6	6	10
D/W TSTORMS		0	#	#	2	8	11	13	10	4	1	#	0	49	27
D/W FOG VSBY <7mi		7	7	9	7	6	3	2	3	4	5	7	7	67	27
Legend: ANN - Annual YOR - Years of record POR - Period of record D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude @ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** - Instantaneous peak winds * - Data not available \$ - Percentage of <u>calm</u> winds > mean direction															
REMARKS:															

A W S CLIMATIC BRIEF		Station Name: BUCKLEY ANGB CO										Field Elev: 5,663 ft				
		Latitude/Longitude: N39 43 W104 45										Station MSC: 724695				
January 1988		Hourly Obs POR: Sep 77 to Aug 87										Call Sign: KBKF				
		Summary of Day POR: Mar 8 to Aug 87										Supersedes: Sep 1983				
		LST - GMT -7														
PERCENT OCCURRENCE OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VISBY LESS THAN 3000/3	00-02	12	16	17	10	13	4	#	2	6	8	16	14	10		
	03-05	14	16	17	11	17	7	3	5	8	9	15	13	11		
	06-08	14	17	19	13	19	8	5	8	10	11	15	14	13		
	09-11	12	13	15	12	14	6	3	6	7	10	14	12	10		
	12-14	9	12	16	11	13	4	1	3	4	10	12	10	9		
	15-17	10	11	16	11	10	4	1	2	4	9	12	11	8		
	18-20	11	14	16	10	11	3	2	3	3	9	14	12	9		
	21-23	12	14	17	10	11	3	1	2	4	9	15	13	9		
	00-24	12	14	17	11	14	5	2	4	6	9	14	12	10	10	
CIG/VISBY LESS THAN 1500/3	00-02	10	14	13	8	8	3	#	1	4	6	13	11	8		
	03-05	11	13	13	9	12	4	2	3	5	7	13	11	9		
	06-08	11	15	16	11	13	5	4	6	7	10	13	12	10		
	09-11	9	12	13	11	9	4	1	3	5	9	12	11	8		
	12-14	7	11	13	8	7	3	1	2	3	7	10	9	7		
	15-17	8	9	12	8	7	2	1	1	3	6	9	9	6		
	18-20	9	10	13	7	7	2	1	2	2	7	11	10	7		
	21-23	9	12	14	8	7	2	1	2	3	7	12	10	7		
	00-24	9	12	13	9	9	3	1	3	4	7	12	10	8	10	
CIG/VISBY LESS THAN 1000/2	00-02	7	12	11	7	7	2	#	1	3	5	11	10	6		
	03-05	8	12	12	7	10	4	2	2	4	5	12	9	7		
	06-08	9	13	13	10	10	4	2	4	6	9	11	11	9		
	09-11	7	10	11	8	7	2	1	2	3	7	10	10	7		
	12-14	5	8	10	7	5	1	1	1	2	6	8	8	5		
	15-17	6	6	11	5	5	1	#	1	2	5	7	7	5		
	18-20	7	9	11	6	5	2	#	1	1	5	10	9	6		
	21-23	7	11	12	6	6	2	#	#	3	6	10	8	6		
	00-24	7	10	11	7	7	2	1	2	3	6	10	9	6	10	
CIG/VISBY LESS THAN 200/1/2	00-02	1	3	2	1	1	#	0	#	#	#	1	2	1		
	03-05	2	3	2	1	1	1	1	#	#	1	2	1	1		
	06-08	2	3	2	2	1	0	#	1	#	1	2	3	1		
	09-11	#	1	1	1	#	0	0	0	0	1	2	1	1		
	12-14	#	#	1	1	#	0	0	0	0	#	1	1	#		
	15-17	1	0	1	1	0	0	#	0	#	0	1	1	#		
	18-20	1	1	1	1	#	0	0	0	0	#	3	1	1		
	21-23	1	2	1	1	#	0	0	0	#	#	2	2	1		
	00-24	1	2	1	1	#	#	#	#	#	#	2	2	1	10	

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A W S CLIMATIC BRIEF L I M I T E D December 1987	Station Name:	FORT CARSON/BUTTS AAF CO										Field Elev: 5,871 ft	
	Latitude/Longitude:	N38 41 W104 46										Station MSC: 724680	
	Hourly Obs POR:	Aug 77 to Jul 87										Call Sign: KFC5	
	Summary of Day POR:	Aug 77 to Jul 87											
	Hours Summarized:	05-22 LST											
	LST - GMT -7											Supersedes: Jan 1976	

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
MEAN MAX TEMP °F	42	46	51	60	69	80	86	83	74	63	51	43	62	10
MEAN TEMP °F	32	36	41	49	58	68	74	71	63	52	41	34	52	10
MEAN MIN TEMP °F	22	25	30	38	46	56	61	59	51	41	31	24	40	10
VPR PRESS "Hg	.08	.10	.11	.14	.21	.29	.34	.36	.25	.16	.11	.09	.17	10
MEAN DEW POINT °F	14	17	21	25	36	44	48	50	40	29	21	16	31	10
99.95% WCPA Ft	6400	6450	6550	6500	6350	6150	5950	5950	6200	6300	6450	6500	6350	10
MEAN RH 07 LST %	55	58	58	55	60	55	55	62	56	55	58	55	57	10
MEAN RH 13 LST %	45	43	40	33	39	34	31	38	33	34	39	43	38	10
MEAN WND DRCTN	\$N	N	N	N	N	N	N	N	SSE	N	N	\$N	N	10
MEAN WND SPD Kts	5	6	7	8	7	6	6	5	6	6	6	5	6	10
MAX WND SPD Kts	58	68	63	88	75	59	63	51	50	62	63	60	88	25
NEG CEILING %	63	63	53	60	51	62	66	63	70	69	67	68	63	10

SUPPLEMENTAL SUMMARY OF DAY DATA SECTION. The data in this section has been supplemented by data from other sources and combined by a climatologist to result in an artificial representation of means and extremes. Since the data does not represent true means and extremes (as for a 24-hour, 7-day station), it should be considered "informational" and used with caution. Note: Values with no zeroes following their decimal points have been rounded.

XTRM MAX TEMP °F	72	75	80	83	92	99	100	99	95	85	78	76	100	25
MEAN TEMP °F	31	34	39	47	57	67	73	70	62	51	40	32	52	25
XTRM MIN TEMP °F	-27	-18	-12	0	20	33	42	44	25	5	-11	-16	-28	25
MAX 24HR PRECIP "	.6	1.0	1.3	2.2	2.9	2.4	2.1	2.6	2.0	1.7	1.0	.9	2.9	25
MAX PRECIP "	1.3	2.1	3.0	3.6	10.	5.5	6.6	6.6	5.8	5.9	4.5	2.2	10.	25
MEAN PRECIP "	.2	.3	.8	1.1	1.5	2.2	3.2	1.9	1.3	1.1	.4	.3	1.4	25
MIN PRECIP "	#	#	#	#	.2	.3	1.1	.3	.1	.1	#	#	#	25
MAX 24HR SNFL "	10	10	10	12	10	#	0	0	8	16	9	10	16	25
MAX SNFL "	20	18	31	10	3	#	0	0	12	21	18	16	31	25
MEAN SNFL "	4	3	6	6	#	#	0	0	0	1	3	4	27	25
MIN SNFL "	#	#	#	#	0	0	0	0	0	0	#	#	0	25
D/W TSTORMS	0	#	1	3	7	10	14	12	4	1	#	#	52	25
D/W FOG	5	5	6	3	3	2	2	2	3	4	4	4	43	25
D/W MEAS PRECIP	4	3	6	6	10	9	13	11	7	5	4	4	82	25

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
- Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds \$ - Percentage of calm winds > mean direction
* - Data not available

REMARKS: This is a "limited" Climatic Brief because Butts AAF is a part-time observing station, open only from 0500 to 2200 LST 7 days a week.

A W S CLIMATIC BRIEF L I M I T E D December 1987	Station Name:	PORT CARSON/BUTTS AAF CO	Field Elev:	5,871 ft
	Latitude/Longitude:	N38 41 W104 46	Station MSC:	724680
	Hourly Obs POR:	Aug 77 to Jul 87	Call Sign:	KPCS
	Summary of Day POR:	Aug 77 to Jul 87		
	Hours Summarized:	05-22 LST		
	LST - GMT -7		Supersedes:	Jan 1976

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	05-08	18	19	18	13	13	7	5	9	8	13	13	15	13	10
	09-11	14	16	16	8	11	5	3	7	8	9	12	13	10	10
LESS THAN	12-14	10	13	11	5	9	3	1	4	5	6	9	13	7	10
	15-17	11	11	9	4	7	3	1	3	4	5	8	10	6	10
3000/3	18-20	12	11	10	5	7	3	3	2	5	5	7	6	6	10
	21-22	10	11	12	7	6	3	1	2	4	5	7	8	6	10
CIG/VSBY	05-08	14	16	15	10	9	5	4	6	7	11	11	12	10	10
	09-11	11	14	13	6	6	3	2	4	6	7	8	11	8	10
LESS THAN	12-14	7	10	10	2	5	1	#	2	4	4	6	10	5	10
	15-17	7	9	7	2	4	1	0	1	3	3	6	8	4	10
1500/3	18-20	6	9	7	3	5	#	1	2	2	2	5	3	4	10
	21-22	6	9	8	3	5	#	1	2	2	3	5	6	4	10
CIG/VSBY	05-08	12	14	13	8	8	4	3	5	6	9	10	10	9	10
	09-11	9	11	11	4	3	2	1	2	4	5	7	9	6	10
LESS THAN	12-14	5	8	7	2	3	1	#	1	3	2	5	7	4	10
	15-17	5	5	5	1	3	#	0	1	3	2	4	6	3	10
1000/2	18-20	5	6	6	1	4	0	1	1	1	1	2	3	3	10
	21-22	3	6	7	2	4	#	1	1	2	2	3	5	3	10
CIG/VSBY	05-08	3	7	5	2	1	#	#	1	1	3	4	2	2	10
	09-11	1	2	2	1	1	0	0	0	#	#	1	2	1	10
LESS THAN	12-14	1	1	1	1	#	0	0	0	0	0	#	1	#	10
	15-17	1	1	1	#	0	0	0	0	#	0	1	2	1	10
200/1/2	18-20	1	1	1	0	0	0	0	0	0	0	0	#	#	10
	21-22	#	3	1	0	0	0	0	0	0	0	#	1	#	10

AWS CLIMATIC BRIEF

LA JUNTA MUNI, COLORADO

PERIOD: 1942-70B

WBAN # 23067

Prepared by ETAC (JUL 1971)

N 38 03 W 103 31

ELEVATION: 4248 ft

STN LTRS: KLEX

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				(feet)	MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)			
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND)	RELATIVE HUMIDITY (%)		DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE		99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)						
												0400	1300												N	N	S		S		
																														MAXIMUM	MINIMUM
90	80	32	0																												
JAN	76	45	15	-23	0.4	0.7	5	9	WSW	8	47	69	47	17	.10	4900	4	#	3	1	0	5	0	0	30	4	4				
FEB	80	50	20	-19	0.3	0.5	4	8	W	9	55	70	41	22	.12	4800	4	#	3	1	#	6	0	#	26	1	4				
MAR	88	55	25	-17	0.6	1.2	5	10	W	10	56	68	37	23	.12	5000	6	#	3	1	#	7	0	1	25	1	5				
APR	92	68	38	10	1.0	1.8	1	9	E	10	55	72	38	33	.19	4900	6	#	1	#	1	4	#	6	8	0	5				
MAY	99	78	48	22	1.8	1.8	#	3	E	9	47	75	38	42	.27	4650	8	1	#	#	6	4	5	16	#	0	5				
JUN	107	89	58	39	1.2	2.8	0	0	E	9	47	70	35	51	.38	4650	6	1	0	0	8	3	15	25	0	0	4				
JUL	109	94	63	48	2.1	2.8	0	0	ESE	8	40	74	34	57	.47	4450	8	1	0	0	10	1	23	30	0	0	4				
AUG	106	91	61	48	1.3	2.0	0	0	ESE	8	40	76	35	56	.45	4400	6	1	0	0	7	2	21	29	0	0	4				
SEP	101	83	52	30	0.9	2.1	#	#	E	8	40	69	33	47	.32	4550	4	#	0	0	3	5	10	21	#	0	3				
OCT	94	72	40	14	0.8	2.0	1	4	W	7	47	68	34	35	.20	4650	3	#	#	#	1	3	1	9	5	0	3				
NOV	80	56	27	-9	0.4	1.0	2	5	W	8	55	68	38	24	.13	4750	4	#	1	1	#	3	0	#	23	#	4				
DEC	79	48	18	-20	0.2	0.4	4	7	W	8	55	70	46	19	.11	4950	3	0	2	1	0	4	0	0	30	1	4				
ANN	109	69	39	-23	11.0	2.8	22	10	W	8	56	71	38	35	.20	4750	62	4	13	5	30	47	75	137	147	1	4				
EYR	23	23	23	23	23	23	23	23	19	19	19	19	19	19	19	17	23	23	23	23	23	23	23	23	23	23	23	23	23	17	

REMARKS

¹HIGHEST HOURLY WIND SPEED CLASS INTERVAL.

RUSSWO POR: HRLY OBS: NOV 42-JUN 45, JUN 48-DEC 54. DAILY OBS: JAN 48-DEC 70.

NOTE: ²DATA NOT AVAILABLE. ³LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	12	14	17	12	12	8	4	4	7	7	6	10	9	
	03-05	13	15	19	15	17	11	8	6	9	9	6	11	12	
	06-08	13	15	20	16	17	13	10	8	12	11	9	12	13	
	09-11	13	16	16	16	16	8	6	5	10	9	10	10	11	
	12-14	13	14	14	14	13	3	2	2	4	7	6	7	8	
	15-17	11	11	13	12	9	3	2	1	3	6	5	7	7	
	18-20	11	8	13	12	8	5	2	2	3	6	4	7	7	
	21-23	12	12	13	12	8	7	3	2	6	6	6	8	8	
	ALL HOURS	12	13	15	14	13	7	4	4	7	8	7	9	10	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	9	11	11	7	6	6	3	2	5	5	5	7	6	
	03-05	9	13	14	8	10	7	5	5	6	6	5	8	8	
	06-08	10	13	16	11	12	8	7	6	10	9	7	9	10	
	09-11	10	13	12	8	9	3	2	2	6	6	6	7	7	
	12-14	9	9	10	5	6	1	#	#	2	4	4	4	5	
	15-17	7	7	10	5	5	2	1	1	1	4	2	4	4	
	18-20	6	6	9	6	4	3	1	1	2	4	3	4	4	
	21-23	8	10	9	8	5	5	2	1	4	4	4	6	6	
	ALL HOURS	8	10	11	7	7	4	3	2	4	5	4	6	6	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	6	9	8	6	3	4	2	1	4	3	4	5	5	
	03-05	7	10	9	6	7	6	4	4	6	5	5	7	6	
	06-08	7	10	12	8	8	4	4	4	8	6	5	8	7	
	09-11	7	8	8	4	5	1	1	#	2	3	4	6	4	
	12-14	6	5	7	2	4	1	#	0	1	2	2	2	3	
	15-17	4	4	6	3	3	1	#	1	1	2	2	3	3	
	18-20	3	5	7	4	3	1	#	1	2	2	3	2	3	
	21-23	5	7	6	5	3	3	1	1	3	2	4	4	4	
	ALL HOURS	6	7	8	5	5	2	2	1	3	3	4	5	4	19
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	3	3	2	1	#	1	0	#	1	#	1	1	1	
	03-05	3	4	3	2	1	1	1	1	1	2	2	2	2	
	06-08	3	3	3	2	#	#	#	#	1	1	2	2	1	
	09-11	1	1	2	1	0	0	0	0	0	0	#	1	1	
	12-14	1	1	1	1	0	0	0	0	0	0	1	1	1	
	15-17	1	1	1	#	0	0	0	#	0	0	1	#	#	
	18-20	1	2	1	#	0	#	0	0	0	#	#	#	#	
	21-23	1	3	2	1	0	#	0	#	0	0	1	1	1	
	ALL HOURS	2	2	2	1	#	#	#	#	1	1	1	1	1	19

A W S CLIMATIC BRIEF MAR 90	STATION NAME: PETERSON AFB/COLORADO SPRINGS CO	FIELD ELEV: 6172 FT
	LATITUDE/LONGITUDE: 38 49 N 104 43 W	STATION MSC: 724660
	HOURLY OBS POR: OCT 79 - SEP 89	CALL SIGN: KCOS
	SUMMARY OF DAY POR: SEP 42 - SEP 89	SUPERSEDES: NOV 85
	HOURS SUMMARIZED: 0000 - 2300 LST	
	LST TO UTC: +07	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	72	76	81	83	93	100	100	99	95	86	78	77	100	48
MEAN MAX TEMP (F)	42	45	50	59	68	79	85	82	75	64	51	44	62	48
MEAN TEMP (F)	29	32	37	46	55	65	71	69	61	51	38	31	49	48
MEAN MIN TEMP (F)	16	19	24	33	42	51	57	56	47	37	25	18	36	48
EXTRM MIN TEMP (F)	-26	-27	-16	-3	21	32	42	43	22	5	-8	-17	-27	48
D/W TEMP GE 95 (F)	0	0	0	0	0	1	1	1	#	0	0	0	3	48
D/W TEMP GE 90 (F)	0	0	0	0	#	4	9	4	1	0	0	0	18	48
D/W TEMP LT 33 (F)	30	26	26	14	2	#	0	0	1	8	24	29	160	48
D/W TEMP LT 0 (F)	3	1	1	#	0	0	0	0	0	0	1	1	7	48
HEATING DEGREE DAYS	1100	912	860	549	296	77	6	14	138	414	797	1018	6181	38
COOLING DEGREE DAYS	0	0	0	#	8	98	208	157	48	1	0	0	520	38
MEAN DEWPOINT TEMP (F)	11	12	17	22	34	42	46	49	38	27	17	12	27	10
MEAN WET BULB TEMP (F)	24	25	31	37	45	53	57	57	49	39	30	24	39	10
99.95% WCPA (FT)	6150	6150	6250	6150	6050	5900	5750	5750	5900	6000	6150	6150	6100	10
MEAN REL HUM 07 LST(%)	51.0	53.4	55.2	50.6	57.6	55.2	51.7	61.9	58.8	53.9	54.1	53.0	54.7	10
MEAN REL HUM 13 LST(%)	35.6	37.4	34.8	28.9	36.2	33.2	29.7	38.1	34.2	31.3	32.8	39.0	34.3	10
MAX 24HR PRECIP (IN)	.77	1.49	1.40	2.30	2.23	2.65	3.00	2.98	1.38	1.54	.81	.66	3.00	48
MAX PRECIP (IN)	1.17	2.45	2.38	5.90	5.67	8.00	5.27	6.06	4.28	5.01	2.21	1.05	25.43	48
MEAN PRECIP (IN)	.31	.36	.81	1.27	2.26	2.04	2.86	2.80	1.15	.84	.47	.36	15.57	48
MIN PRECIP (IN)	#	.03	.01	.01	.33	.15	.67	.15	#	.01	#	#	8.59	48
D/W PRECIP GE .01 (IN)	5	5	7	7	10	9	13	12	6	5	4	4	87	48
D/W PRECIP GT .50 (IN)	#	#	1	1	1	1	1	2	1	1	#	#	9	48
MAX 24HR SNFL (IN)	22.0	14.8	13.3	16.7	14.9	1.1	0	0	13.6	13.8	8.5	9.1	22.0	43
MAX SNFL (IN)	28.7	23.2	23.2	42.7	19.4	1.1	0	0	27.9	25.9	22.3	18.2	96.4	43
MEAN SNFL (IN)	5.3	5.5	9.3	6.1	1.4	#	0	0	1.1	3.0	5.3	5.8	42.8	43
D/W SNFL GE .1 (IN)	5	5	7	4	1	#	0	0	1	2	4	4	33	43
D/W SNFL GE 1.5 (IN)	1	1	2	1	1	0	0	0	1	1	1	1	10	43
MAX DLY SNO DEPTH (IN)	16	12	14	12	11	#	0	0	12	20	12	10	20	43
PRVLNG WND DIR (DEG)	35-01	35-01	35-01	35-01	35-01	14-16	35-01	35-01	14-16	35-01	35-01	02-04	35-01	10
MEAN WND SPD (KTS)	7	8	9	9	9	8	7	7	8	8	8	7	8	10
MAX WND SPD (KTS)	70	63	73	56	61	78	56	47	64	54	70	70	78	33
SKY COVER GT 5/10 (%)	43.0	49.2	54.0	50.1	55.0	47.9	42.0	48.1	40.0	40.9	45.0	45.0	46.9	10
D/W THUNDERSTORMS	0	#	1	2	8	11	16	13	5	1	#	0	57	40
D/W FOG (VSBY LT 7 MI)	5	5	6	4	4	3	2	3	4	4	4	4	48	40

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN
WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	15.2	20.1	20.1	12.8	11.5	6.6	3.8	7.4	12.4	12.9	12.9	17.1	12.7	10
	03 - 05	15.3	19.1	19.5	13.8	14.0	8.8	4.6	8.3	14.2	13.1	13.0	16.0	13.3	10
	06 - 08	14.3	18.3	17.7	13.0	12.4	10.2	6.5	9.2	13.9	13.9	13.6	16.1	13.3	10
	09 - 11	12.3	17.9	17.0	10.7	12.6	8.3	3.2	7.0	12.6	11.7	13.1	13.8	11.7	10
	12 - 14	10.2	16.6	14.2	8.7	8.7	4.1	1.9	4.4	9.0	9.4	12.0	14.2	9.4	10
	15 - 17	11.6	15.8	13.2	8.9	6.6	2.8	1.2	2.3	7.2	8.2	10.8	14.7	8.6	10
	18 - 20	11.8	16.4	12.2	11.6	7.6	2.8	2.0	3.2	8.1	9.1	11.9	15.6	9.4	10
	21 - 23	13.8	19.2	15.9	12.0	11.4	4.7	2.6	4.2	9.5	10.8	13.8	16.9	11.2	10
	ALL	13.1	17.9	16.2	11.4	10.6	6.0	3.2	5.8	10.9	11.1	12.6	15.5	11.2	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	11.2	14.4	15.2	7.8	7.0	3.2	2.2	4.5	9.0	8.4	9.1	13.0	8.7	10
	03 - 05	12.2	15.1	16.2	9.0	7.1	5.6	3.3	6.0	10.1	10.9	9.9	13.1	9.9	10
	06 - 08	11.1	15.4	15.3	9.8	7.8	7.5	4.2	7.4	11.3	10.9	9.9	13.8	10.4	10
	09 - 11	10.0	14.7	12.7	7.3	6.6	2.6	1.3	4.5	8.8	9.1	9.3	10.8	8.1	10
	12 - 14	8.1	13.3	10.6	4.9	4.5	.9	.9	1.7	5.2	5.7	7.8	11.2	6.2	10
	15 - 17	7.6	11.4	9.5	4.7	2.4	.9	.0	.6	3.9	4.2	6.7	11.1	5.2	10
	18 - 20	9.0	10.4	8.2	5.2	3.3	.8	1.1	1.7	4.3	5.3	8.7	11.4	5.8	10
	21 - 23	11.2	13.3	11.7	6.0	5.5	2.3	1.0	2.6	6.0	7.2	10.2	12.2	7.4	10
	ALL	10.0	13.5	12.4	6.8	5.5	3.0	1.7	3.6	7.3	7.7	8.9	12.1	7.7	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.1	12.7	13.3	6.2	5.9	2.7	1.7	3.1	6.7	7.6	8.2	11.6	7.5	10
	03 - 05	10.3	13.1	14.8	7.9	5.4	4.6	2.8	5.1	9.3	9.8	8.8	11.9	8.6	10
	06 - 08	9.1	13.9	14.2	8.6	5.8	5.6	3.8	6.5	10.3	9.5	8.8	11.8	9.0	10
	09 - 11	7.3	11.3	11.3	5.4	4.5	1.7	.8	2.9	7.4	7.3	7.9	9.1	6.4	10
	12 - 14	5.9	9.8	9.4	3.2	2.5	.6	.4	1.2	4.4	4.6	6.6	8.6	4.8	10
	15 - 17	6.1	8.3	7.2	3.2	1.5	.1	.0	.4	3.3	2.9	5.3	8.9	3.9	10
	18 - 20	7.2	8.1	6.5	3.0	2.8	.1	.9	1.4	3.2	3.5	6.7	9.2	4.4	10
	21 - 23	9.4	11.0	8.6	5.0	4.3	1.8	.9	1.8	4.6	6.3	8.8	10.2	6.1	10
	ALL	8.2	11.0	10.7	5.3	4.1	2.1	1.4	2.8	6.2	6.5	7.6	10.2	6.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.6	4.0	3.7	.9	.8	.4	.0	1.1	2.0	3.0	2.4	2.9	2.0	10
	03 - 05	2.7	4.7	4.5	1.8	.6	1.1	.5	.9	2.8	2.9	2.8	3.2	2.4	10
	06 - 08	3.5	5.1	4.4	2.2	.6	1.1	.6	.5	2.1	2.9	2.6	3.2	2.4	10
	09 - 11	1.7	3.3	2.5	.7	.4	.0	.1	.0	.6	1.6	1.3	2.6	1.2	10
	12 - 14	1.0	2.0	1.8	.8	.0	.0	.0	.0	.1	1.0	1.0	1.6	.8	10
	15 - 17	1.0	2.0	.3	.2	.1	.0	.0	.0	.7	1.0	1.1	1.7	.7	10
	18 - 20	1.4	2.6	.3	.0	.3	.0	.0	.1	1.1	.8	1.2	3.1	.9	10
	21 - 23	2.4	4.1	2.2	.1	.3	.1	.1	.4	1.4	2.4	2.3	3.0	1.6	10
	ALL	2.0	3.5	2.5	.8	.4	.3	.2	.4	1.3	1.9	1.8	2.7	1.5	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS :															

A W S CLIMATIC BRIEF December 1987	Station Name: PUEBLO MEMORIAL AIRPORT CO										Field Elev: 4,726 ft				
	Latitude/Longitude: N38 17 W104 30										Station MSC: 72460				
	Hourly Obs POR: Aug 77 to Jul 87										Call Sign: KPUB				
	Summary of Day POR: Oct 42 to Dec 45 Jan 48 to Jun 52 LST = (✓) -7 Jan 54 to Jul 87														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
XTRM MAX TEMP °F	78	81	84	90	98	106	106	104	99	92	84	82	106	41	
MEAN MAX TEMP °F	45	51	56	67	76	87	92	90	81	70	56	48	68	41	
MEAN TEMP °F	30	36	41	52	61	71	77	75	66	54	41	33	53	41	
MEAN MIN TEMP °F	14	20	25	36	46	55	61	59	50	37	24	17	37	41	
XTRM MIN TEMP °F	-29	-31	-20	2	25	38	48	40	27	14	-14	-28	-31	41	
D/W TEMP > 95°F	0	0	0	0	#	6	13	7	2	0	0	0	28	41	
D/W TEMP > 90°F	0	0	0	#	2	13	22	18	7	#	0	0	62	41	
D/W TEMP < 32°F	30	26	25	9	1	0	0	0	#	8	25	30	154	41	
D/W TEMP < 10°F	9	4	2	#	0	0	0	0	0	0	2	6	23	41	
VPR PRESS "Hg	.11	.11	.14	.16	.25	.32	.38	.42	.29	.18	.13	.11	.20	10	
MEAN DEWPOINT °F	19	21	25	29	40	47	51	54	44	32	24	19	34	10	
99.95% WCPA Ft	5250	5300	5400	5400	5250	5100	4950	4900	5150	5200	5350	5300	5250	11	
MEAN RH 07 LST %	81	80	73	63	69	62	59	69	66	70	77	76	70	10	
MEAN RH 13 LST %	53	45	39	31	37	30	28	35	32	33	41	48	38	10	
MAX 24HR PRECIP "	.4	.6	.9	2.0	2.3	2.2	2.0	3.0	1.6	2.8	.7	.7	3.0	41	
MAX PRECIP "	1.5	1.4	2.3	4.0	5.4	4.3	4.8	5.9	2.7	4.9	2.4	1.0	5.9	41	
MEAN PRECIP "	.3	.3	.7	1.0	1.5	1.2	2.0	1.8	.8	.8	.4	.4	11.2	41	
MIN PRECIP "	#	#	.1	#	3	.1	.1	.1	#	#	.0	#	.0	41	
D/W PRECIP > .01"	5	4	6	5	8	7	9	8	5	4	3	4	68	41	
D/W PRECIP > .5"	0	#	#	#	1	1	1	1	#	#	#	#	4	41	
MAX 24HR SNFL "	9	6	9	13	5	0	0	0	10	13	16	7	16	41	
MAX SNFL "	19	14	22	21	5	0	0	0	14	13	24	15	24	41	
MEAN SNFL "	6	4	7	3	#	0	0	0	1	1	4	5	31	41	
D/W SNFL > .1"	5	4	5	2	#	0	0	0	#	1	2	4	23	41	
D/W SNFL > 1.5"	1	1	2	1	#	0	0	0	#	#	1	1	7	41	
MEAN WND DRCTN	\$W	\$SE	N	N	SE	SE	SE	SE	SE	\$W	\$W	\$W	SE	10	
MEAN WND SPD Kts	6	7	9	10	9	8	8	7	7	7	7	7	8	10	
MAX WND SPD** Kts	59	62	75	62	66	56	61	55	51	58	55	55	75	13	
MEAN CLD CVR 10th	5	-	6	5	6	5	5	5	4	4	5	5	5	10	
D/W TSTORMS	0	2	#	1	6	8	12	9	3	1	#	0	40	41	
D/W FOG VSBY <7mi	4	4	4	2	2	1	1	1	3	3	4	3	32	41	
Legend: ANN = Annual YOR = Years of record POR = Period of record D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude # = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** = Instantaneous peak winds * = Data not available \$ = Percentage of <u>calm</u> winds > mean direction															
REMARKS:															

A W S CLIMATIC BRIEF December 1987		Station Name: PUEBLO MEMORIAL AIRPORT CO Latitude/Longitude: N38 17 W104 30 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Oct 42 to Dec 45 Jan 48 to Jun 52 Jan 54 to Jul 87 LST - GMT -7		Field Elev: 4,726 ft Station MSC: 72460 Call Sign: KPUB											
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	16	16	16	8	6	4	2	5	9	9	14	16	10	8
	03-05	17	18	16	9	10	7	4	7	9	11	14	16	12	10
	06-08	18	18	19	12	14	9	3	10	9	11	15	17	13	10
	09-11	16	17	16	9	13	7	3	6	8	10	14	16	11	10
LESS THAN	12-14	12	14	12	5	9	4	1	4	6	5	11	10	8	10
3000/3	15-17	11	12	9	4	6	2	1	2	4	5	9	11	6	10
	18-20	12	11	9	4	5	2	1	3	4	4	11	11	6	10
	21-23	15	14	14	5	5	2	1	4	6	8	13	14	8	10
	00-24	15	15	14	7	9	5	2	5	7	8	13	14	10	
CIG/VSBY	00-02	10	13	11	4	1	1	1	3	5	7	11	12	7	8
	03-05	12	14	11	5	6	3	2	4	6	8	12	12	8	10
	06-08	13	15	15	9	8	5	3	5	6	7	12	14	9	10
	09-11	12	13	12	5	4	2	1	2	4	5	10	12	7	10
LESS THAN	12-14	7	8	7	3	3	1	#	1	2	2	7	8	4	10
1500/3	15-17	6	6	5	2	3	#	#	1	2	2	5	7	3	10
	18-20	6	7	4	2	3	1	1	1	2	2	6	6	3	10
	21-23	11	8	7	3	2	1	1	2	3	4	10	9	5	10
	00-24	10	11	9	4	4	2	1	2	4	5	9	10	6	
CIG/VSBY	00-02	8	9	9	3	1	1	#	1	3	5	8	9	5	8
	03-05	9	9	9	4	3	2	2	2	5	7	10	10	6	10
	06-08	10	12	13	6	4	3	2	4	4	6	10	11	7	10
	09-11	9	10	8	3	1	1	1	1	3	3	9	11	5	10
LESS THAN	12-14	4	5	4	1	2	1	#	#	1	1	3	5	2	10
1000/2	15-17	4	3	3	2	2	#	#	1	1	1	3	5	2	10
	18-20	5	5	2	2	2	#	1	1	1	1	4	4	2	10
	21-23	7	6	5	2	1	#	1	1	3	3	8	7	4	10
	00-24	7	7	7	3	2	1	1	1	3	3	7	8	4	
CIG/VSBY	00-02	1	2	#	0	0	0	0	0	0	#	2	2	1	8
	03-05	1	2	1	1	1	0	0	#	1	2	2	2	1	10
	06-08	2	2	1	1	#	0	#	#	#	1	3	3	1	10
	09-11	1	1	#	#	0	0	0	0	0	0	1	1	#	10
LESS THAN	12-14	#	0	#	#	0	0	0	0	0	#	#	#	#	10
200/1/2	15-17	1	#	#	#	0	0	0	0	#	0	#	#	#	10
	18-20	#	#	#	#	0	0	0	0	0	0	#	#	#	10
	21-23	1	1	#	0	0	0	0	0	0	0	1	1	#	10
	00-24	1	1	#	#	#	0	#	#	#	#	1	1	#	

A W S CLIMATIC BRIEF L I M I T E D April 1988	Station Name:	USAF ACADEMY CO										Field Elev: 6,572 ft			
	Latitude/Longitude:	N 38 58 W 104 49										Station MSC: 745310			
	Hourly Obs POR:	Nov 77 to Oct 87										Call Sign: KAPF			
	Summary of Day POR:	None													
	Hours Summarized:	0400-1700LST													
	LST - GMT -7											Supersedes: Apr 1985			

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
MEAN MAX TEMP °F	40	43	48	57	63	75	82	78	72	61	48	43	59	10
MEAN TEMP °F	30	33	38	45	52	62	69	66	59	49	38	34	48	10
MEAN MIN TEMP °F	20	22	28	33	40	48	54	53	46	36	28	24	36	10
VAPOR PRESS IN Hg	.08	.08	.11	.13	.20	.27	.31	.32	.23	.14	.10	.08	.16	10
MEAN DEW POINT °F	13	14	20	24	35	42	46	47	38	26	18	13	29	10
99.95% WCPA Ft	7150	7150	7250	7150	7000	6800	6650	6150	6850	6950	7150	7150	7050	10
MEAN RH 07 LST %	60	61	65	62	67	62	58	66	61	61	60	55	62	10
MEAN RH 13 LST %	42	39	41	36	45	38	33	40	34	33	38	38	38	10
MEAN WND DRCTN	N	N	N	N	N	N	N	N	N	N	N	N	N	10
MEAN WND SPD Kts	7	7	8	9	8	7	6	6	7	7	7	7	7	10
HI WND SPD** Kts	*	*	*	*	*	*	*	*	*	*	*	*	*	NA
NEG CEILING %	58	57	50	52	44	59	63	57	64	62	56	62	57	10

SUPPLEMENTAL SUMMARY OF DAY DATA SECTION. The data in this section was developed by supplementing the "part-time" observing records of this station with observations from the nearby full-time National Weather Service station at Colorado Springs. This section does not provide true means and extremes as for a 24-hour, 7-day, station; the data should therefore be considered "informational" and applied with extreme caution. Note: Values with no figure following the decimal point have been rounded.

XTRM MAX TEMP °F	71	73	79	82	90	99	99	97	92	84	77	72	99	30
MEAN TEMP °F	30	33	38	45	52	62	69	66	59	49	38	34	48	30
XTRM MIN TEMP °F	-23	-27	-11	-2	22	31	40	42	21	6	-7	-16	-27	30
MAX 24HR PRECIP "	.7	.5	1.2	2.4	2.4	3.4	2.0	3.2	1.6	1.6	1.4	1.5	3.4	30
MAX PRECIP "	1.1	1.2	3.2	4.3	5.9	6.4	6.1	6.3	4.4	2.9	2.2	1.5	25.	30
MEAN PRECIP "	.4	.5	.9	1.4	2.4	1.9	2.5	3.0	.9	.6	.5	.4	15.	30
MIN PRECIP "	#	#	#	#	.2	.1	.7	.1	#	#	#	#	8.6	30
MAX 24HR SNFL "	10	16	14	17	15	1	0	0	17	12	15	15	17	30
MAX SNFL "	13	23	23	36	16	1	0	0	20	22	20	19	96	30
MEAN SNFL "	5	6	9	7	2	#	0	0	1	3	6	6	44	30
D/W TSTORMS	0	#	#	2	8	11	13	11	4	1	#	0	50	30
D/W FOG VSBY <7mi	5	5	6	4	5	3	2	2	4	3	4	4	47	30
D/W MEAS PRECIP	5	5	7	7	11	8	11	12	7	5	4	4	86	30

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
- Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds
* - Data not available \$ - Percentage of calm winds > mean direction

REMARKS: 1. This is a "limited" Climatic Brief because it is for a "part-time" station.

A W S
CLIMATIC BRIEF

L I M I T E D

April 1988

Station Name: USAF ACADEMY CO
Latitude/Longitude: N 38 58 W 104 49
Hourly Obs POR: Nov 77 to Oct 87
Summary of Day POR: None
Hours Summarized: 0400-1700LST
LST - GMT -7

Field Elev: 6,572 ft
Station MSC: 745310
Call Sign: KAFF

Supersedes: Apr 1985

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	04-05	13	27	19	18	19	12	5	11	12	17	21	12	16	7
	06-08	17	18	22	17	20	12	6	10	11	16	16	17	15	10
LESS THAN	09-11	13	15	17	11	18	9	5	8	11	12	13	12	12	10
	12-14	11	12	12	9	13	6	2	5	7	8	11	9	9	10
3000/3	15-17	10	8	10	7	9	3	1	3	4	4	8	8	6	10
CIG/VSBY	04-05	12	23	16	14	14	8	4	8	9	11	18	9	12	7
	06-08	13	14	18	13	14	7	4	7	9	12	13	14	12	10
LESS THAN	09-11	10	12	14	8	10	4	2	4	6	9	9	11	8	10
	12-14	7	9	8	5	6	3	1	2	4	5	8	7	5	10
1500/3	15-17	5	6	7	4	4	2	#	2	2	2	5	3	4	10
CIG/VSBY	04-05	7	18	9	10	10	4	3	6	6	9	14	9	9	7
	06-08	9	12	16	9	9	4	2	6	5	10	9	11	9	10
LESS THAN	09-11	7	9	11	6	6	2	1	3	3	6	6	8	6	10
	12-14	4	6	6	3	4	2	#	2	2	3	5	5	4	10
1000/2	15-17	3	4	5	2	2	2	0	1	1	2	3	2	2	10
CIG/VSBY	04-05	5	10	4	3	2	1	1	1	1	2	5	2	3	7
	06-08	4	3	6	2	3	#	0	1	1	2	3	2	2	10
LESS THAN	09-11	1	1	2	1	1	#	0	#	1	1	2	2	1	10
	12-14	0	1	3	1	#	#	0	#	#	#	1	1	1	10
200/1/2	15-17	#	1	1	0	0	#	0	0	#	#	#	1	#	10

A W S CLIMATIC BRIEF APR 92	STATION NAME: DOVER AFB DE LATITUDE/LONGITUDE: 39 08 N 075 28 W HOURLY OBS POR: DEC 81 - NOV 91 SUMMARY OF DAY POR: DEC 42-SEP 46, JUL 49-AUG 49, AUG 50-DEC 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +05											FIELD ELEV: 30 FT STATION MSC: 724088 CALL SIGN: KDOV SUPERSEDES: OCT 87			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	72	76	87	90	97	100	103	101	97	91	83	74	103	47
	MEAN MAX TEMP (F)	41	43	52	62	72	81	85	83	77	66	56	45	64	47
	MEAN TEMP (F)	33	36	44	53	63	72	77	75	69	58	47	38	56	47
	MEAN MIN TEMP (F)	26	28	35	44	54	63	68	67	60	49	39	30	47	47
	EXTRM MIN TEMP (F)	-5	0	9	21	33	43	52	48	39	24	14	-4	-5	47
	D/W TEMP GE 90 (F)	0	0	0	#	1	4	7	5	2	#	0	0	19	47
	D/W TEMP GE 80 (F)	0	0	1	2	6	17	25	22	11	2	#	0	86	47
	D/W TEMP LT 33 (F)	24	20	12	2	0	0	0	0	0	1	8	19	86	47
	D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	47
	HEATING DEGREE DAYS	963	810	656	350	117	10	#	1	38	242	514	834	4535	49
	COOLING DEGREE DAYS	0	#	2	13	74	238	374	331	157	23	2	#	1214	49
	MEAN DEWPOINT TEMP (F)	22	25	31	40	52	60	66	66	58	48	38	27	45	10
	MEAN WET BULB TEMP (F)	30	33	39	47	57	65	70	69	62	53	44	34	50	10
	99.95% WCPA (FT)	750	750	800	750	500	450	350	350	450	450	600	650	600	10
	MEAN REL HUM 07 LST(%)	69.7	70.5	70.6	72.3	76.5	76.8	79.8	82.2	82.6	80.8	76.3	69.6	75.7	10
	MEAN REL HUM 13 LST(%)	57.3	56.2	52.8	56.1	58.7	56.8	58.9	61.2	59.0	57.2	57.9	56.5	57.4	10
	MAX 24HR PRECIP (IN)	2.22	2.69	2.65	2.60	3.02	3.68	5.41	9.01	3.48	4.11	5.66	2.81	9.01	47
	MAX PRECIP (IN)	8.19	7.51	7.53	7.13	8.07	15.29	12.60	16.57	8.17	6.91	8.61	8.19	72.79	47
	MEAN PRECIP (IN)	3.13	3.01	3.90	3.27	3.60	3.35	4.19	4.48	3.55	3.03	3.43	3.57	42.65	47
	MIN PRECIP (IN)	.34	1.08	1.06	.35	.55	.71	.77	.86	.44	.01	.33	.47	22.81	47
	D/W PRECIP GE .01 (IN)	11	9	11	10	11	9	9	9	8	7	9	10	113	47
	D/W PRECIP GT .50 (IN)	2	2	3	2	2	2	3	3	2	2	2	3	28	47
	MAX 24HR SNFL (IN)	7.0	17.9	8.2	2.2	0	0	0	0	0	#	9.0	9.1	17.9	42
	MAX SNFL (IN)	21.5	33.9	20.2	2.2	0	0	0	0	0	#	9.0	13.6	53.6	42
	MEAN SNFL (IN)	5.5	6.2	2.1	.2	0	0	0	0	0	#	.6	2.2	17.1	42
	D/W SNFL GE .1 (IN)	4	3	1	1	0	0	0	0	0	0	1	1	11	42
	D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	42
	MAX DLY SNO DEPTH (IN)	18	26	12	1	0	0	0	0	0	0	5	12	26	42
	PRVING WND DIR (DEG)	29-31	32-34	32-34	29-31	20-22	20-22	20-22	\$20-22	\$20-22	\$20-22	20-22	32-34	20-22	10
	MEAN WND SPD (KTS)	7	7	8	7	6	5	5	4	5	5	6	7	6	10
	MAX WND SPD (KTS)	59	69	74	51	54	58	62	52	60	51	51	61	74	37
	SKY COVER GT 5/10 (%)	58.5	60.0	55.3	57.4	57.0	51.3	53.6	49.8	47.7	46.9	53.3	57.7	54.0	10
	D/W THUNDERSTORMS	1	1	1	3	5	5	7	6	2	1	1	1	34	47
	D/W FOG (48BY LT 7 MI)	13	12	13	13	16	16	18	21	18	16	14	13	183	47
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	18.1	20.8	19.0	22.1	14.8	9.2	10.9	11.5	15.4	15.5	16.2	16.9	15.9	10
	03 - 05	18.4	22.1	22.4	25.1	20.9	16.6	20.6	20.9	20.0	21.2	19.7	17.3	20.4	10
	06 - 08	19.6	24.2	22.8	26.6	21.5	19.1	24.4	25.2	27.1	25.2	23.2	18.5	23.1	10
	09 - 11	20.2	21.4	20.0	22.7	18.5	11.7	11.4	10.8	14.8	14.6	19.2	19.4	17.1	10
	12 - 14	18.8	20.0	16.8	19.7	15.3	7.3	6.3	7.8	11.3	11.1	14.3	16.9	13.8	10
	15 - 17	17.5	19.7	16.7	16.4	12.5	5.7	5.1	7.4	9.3	9.8	12.8	16.1	12.4	10
	18 - 20	16.9	19.0	17.1	17.8	13.5	7.2	5.9	6.9	9.2	10.9	13.0	16.1	12.8	10
	21 - 23	16.5	20.8	18.8	19.9	13.3	7.7	9.2	8.0	10.3	12.6	15.2	16.3	14.0	10
	ALL	18.2	21.0	19.2	21.3	16.3	10.6	11.7	12.3	14.7	15.1	16.7	17.2	16.2	10

CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.6	15.6	15.3	16.9	10.8	7.8	8.5	9.9	10.1	12.7	12.2	12.9	12.4	10
	03 - 05	15.4	18.4	16.5	20.4	16.6	14.0	18.3	18.3	17.3	17.5	13.9	13.9	16.7	10
	06 - 08	15.8	21.6	16.2	21.3	19.4	16.7	20.3	22.6	23.4	20.9	17.7	14.5	19.2	10
	09 - 11	17.2	19.0	15.0	16.7	14.5	7.9	7.4	7.4	10.4	11.1	13.8	15.6	13.0	10
	12 - 14	15.4	15.6	13.8	11.6	10.1	4.7	3.7	4.3	6.1	6.8	9.1	13.5	9.6	10
	15 - 17	14.1	14.2	12.2	11.3	8.6	3.6	3.3	4.2	4.1	6.8	8.2	13.8	8.7	10
	18 - 20	14.0	13.8	12.9	12.6	9.1	6.0	4.5	4.4	5.0	7.4	8.8	12.9	9.3	10
	21 - 23	14.3	15.4	13.2	15.2	9.7	6.5	6.6	5.3	7.2	10.1	10.4	12.4	10.5	10
	ALL	15.2	16.7	14.4	15.8	12.3	8.4	9.1	9.5	10.5	11.7	11.8	13.7	12.4	10

CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	13.1	11.9	12.0	14.0	9.5	6.4	3.0	4.6	6.7	9.6	9.9	11.0	9.3	10
	03 - 05	12.2	15.6	13.4	16.3	12.2	10.3	8.9	10.9	11.0	12.5	10.3	11.4	12.1	10
	06 - 08	13.1	19.0	13.3	17.1	14.4	12.1	11.1	13.5	15.0	15.2	12.8	11.7	14.0	10
	09 - 11	13.1	15.8	11.1	12.4	10.5	5.0	3.9	3.8	4.9	8.4	9.6	12.0	9.2	10
	12 - 14	11.9	11.8	10.2	7.9	6.6	3.3	1.8	1.9	2.4	5.3	5.6	11.5	6.7	10
	15 - 17	11.2	9.3	9.9	7.7	6.7	2.8	1.7	2.3	1.4	4.3	6.1	11.3	6.2	10
	18 - 20	12.4	10.4	10.8	9.4	7.1	3.8	2.0	2.2	3.0	4.7	6.6	10.6	6.9	10
	21 - 23	12.5	11.0	11.6	11.2	7.5	4.6	1.6	2.0	3.8	6.6	8.7	9.9	7.6	10
	ALL	12.4	13.1	11.5	12.0	9.3	6.0	4.3	5.1	6.0	8.3	8.7	11.2	9.0	10

CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.6	2.8	.9	3.2	1.0	1.0	.2	.8	.4	4.1	2.4	2.8	1.8	10
	03 - 05	1.7	3.1	2.5	3.7	1.8	1.7	.9	1.8	1.9	3.8	2.3	2.3	2.3	10
	06 - 08	2.9	3.7	3.5	3.4	2.3	.9	.4	1.6	1.4	3.7	2.9	2.7	2.4	10
	09 - 11	2.5	3.3	1.9	.4	.5	.1	.0	.0	.0	1.5	1.7	1.4	1.1	10
	12 - 14	2.3	1.4	.4	.1	.0	.1	.0	.0	.0	.2	.2	.4	.4	10
	15 - 17	2.0	1.4	.2	.8	.0	.1	.1	.0	.0	.5	.0	1.4	.5	10
	18 - 20	2.8	1.8	.9	.7	.5	.1	.1	.0	.0	1.1	.8	.9	.8	10
	21 - 23	2.8	1.9	1.5	1.4	1.1	.7	.3	.1	.0	1.5	1.4	2.2	1.2	10
	ALL	2.4	2.4	1.5	1.7	.9	.6	.3	.5	.5	2.0	1.5	1.7	1.3	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/2	0/3	1/4	0/0	0/0	0/0	1/9
120NM	0/0	0/0	0/0	0/0	0/0	0/2	0/3	6/8	7/8	1/0	0/0	0/0	14/21
240NM	0/0	0/0	0/0	0/0	1/0	1/7	4/8	18/20	16/17	3/4	0/2	0/0	43/58

REMARKS : 8

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A W S CLIMATIC BRIEF JAN 90	STATION NAME: HOMESTEAD AFB FL												FIELD ELEV: 7 FT		
	LATITUDE/LONGITUDE: 25 29 N 080 23 W												STATION MSC: 722026		
	HOURLY OBS POR: JAN 79 - DEC 88												CALL SIGN: KHST		
	SUMMARY OF DAY POR: FEB 43 - SEP 44, JUN 56 - DEC 88												SUPERSEDES: SEP 84		
	HOURS SUMMARIZED: 0000 - 2300 LST														
	LST TO UTC: +05														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	85	88	90	93	94	98	97	96	94	92	89	88	98	33	
MEAN MAX TEMP (F)	74	75	78	81	84	86	88	88	87	84	79	76	82	33	
MEAN TEMP (F)	67	68	71	75	78	81	82	83	82	78	73	69	76	33	
MEAN MIN TEMP (F)	59	60	64	68	72	75	76	77	76	72	67	62	69	33	
EXTRM MIN TEMP (F)	28	37	39	45	56	65	67	68	64	53	40	35	28	33	
D/W TEMP GE 90 (F)	0	0	#	1	1	4	6	8	4	1	0	0	25	33	
D/W TEMP GE 85 (F)	#	1	2	6	13	22	29	30	26	13	2	1	145	33	
D/W TEMP LT 65 (F)	21	19	14	7	1	0	0	0	#	2	9	17	90	33	
D/W TEMP LT 55 (F)	9	7	4	1	0	0	0	0	0	#	2	7	30	33	
HEATING DEGREE DAYS	64	43	18	#	0	0	0	0	0	0	8	41	174	33	
COOLING DEGREE DAYS	125	132	220	298	408	484	550	562	512	420	271	170	4152	33	
MEAN DEWPOINT TEMP (F)	56	59	60	62	68	72	73	74	74	70	66	60	66	10	
MEAN WET BULB TEMP (F)	60	63	65	67	71	75	76	76	76	73	69	64	70	10	
99.95% WCPA (FT)	200	250	300	200	200	150	50	100	200	200	200	150	200	10	
MEAN REL HUM 07 LST(%)	80.7	80.7	78.3	75.4	76.6	79.3	77.6	78.4	82.3	82.9	81.8	78.9	79.4	10	
MEAN REL HUM 13 LST(%)	60.1	61.5	60.3	56.1	62.7	67.6	65.4	65.5	69.5	66.6	65.9	62.6	63.7	10	
MAX 24HR PRECIP (IN)	4.48	2.40	7.38	5.36	8.20	6.03	3.61	5.94	8.68	6.21	5.54	2.76	8.68	33	
MAX PRECIP (IN)	7.87	6.69	11.43	8.29	23.32	20.65	13.71	20.13	23.53	14.27	11.05	5.24	87.52	33	
MEAN PRECIP (IN)	1.90	1.99	2.35	2.29	6.83	9.69	6.83	7.13	8.56	6.39	2.75	1.63	59.10	33	
MIN PRECIP (IN)	.11	#	.17	.05	.08	2.76	1.65	1.89	2.24	.52	.07	.13	34.28	33	
D/W PRECIP GE .01 (IN)	7	6	6	5	11	15	16	16	18	12	8	6	126	33	
D/W PRECIP GT .50 (IN)	1	1	1	1	4	5	4	4	5	4	2	1	33	33	
MAX 24HR SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33	
MAX SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33	
MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33	
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33	
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33	
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	33	
PRVLNG WND DIR (DEG)	\$35-01	\$08-10	08-10	08-10	08-10	\$08-10	\$08-10	\$08-10	\$08-10	05-07	05-07	\$08-10	\$08-10	10	
MEAN WND SPD (KTS)	5	6	6	6	5	4	4	4	4	5	6	5	5	10	
MAX WND SPD (KTS)	62	39	48	48	55	49	45	50	120	69	49	39	120	32	
SKY COVER GT 5/10 (%)	38.0	39.7	36.0	32.9	37.0	49.3	48.0	49.6	51.0	35.6	37.0	39.4	41.4	10	
D/W THUNDERSTORMS	1	1	2	2	8	14	15	16	13	5	1	1	79	39	
D/W FOG (VSBY LT 7 MI)	11	9	8	6	5	3	1	1	3	6	9	8	70	39	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	5.5	4.0	3.9	1.6	1.7	2.3	1.2	1.3	2.7	1.7	4.1	5.4	2.9	10
	03 - 05	9.0	7.4	6.0	3.9	3.1	1.7	1.4	2.0	2.3	3.4	5.9	8.7	4.6	10
	06 - 08	9.2	9.5	6.7	5.3	3.8	1.8	1.3	2.5	1.7	2.4	6.2	8.6	4.9	10
	09 - 11	5.2	7.1	7.3	3.8	4.6	3.9	2.5	3.2	2.7	1.8	4.6	6.3	4.4	10
	12 - 14	4.9	4.9	6.5	3.3	3.7	4.4	1.8	2.3	3.1	2.9	5.0	4.7	4.0	10
	15 - 17	4.8	3.9	6.0	2.3	1.8	4.3	1.7	2.0	2.9	2.4	3.8	3.7	3.3	10
	18 - 20	4.5	3.2	3.1	2.3	2.7	2.4	1.6	2.4	2.6	2.0	4.1	4.0	2.9	10
	21 - 23	4.1	3.1	2.2	2.4	1.2	2.1	1.1	1.3	2.3	1.7	3.3	3.3	2.3	10
	ALL	5.9	5.4	5.2	3.1	2.8	2.9	1.6	2.1	2.5	2.3	4.6	5.6	3.7	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	4.0	1.8	.5	.7	.5	.3	.2	.3	.9	1.1	1.9	3.0	1.3	10
	03 - 05	7.2	4.2	1.9	2.7	1.3	.6	.2	.0	1.1	2.0	2.8	5.8	2.5	10
	06 - 08	7.6	6.2	3.1	3.2	1.3	.4	.4	1.0	.9	1.4	3.3	6.2	2.9	10
	09 - 11	3.1	3.4	2.0	.9	1.4	.9	.6	1.3	.7	.6	2.4	4.0	1.8	10
	12 - 14	2.3	1.5	1.3	.3	.5	.8	.2	.6	1.0	.5	.9	2.0	1.0	10
	15 - 17	2.0	1.6	.9	.3	.0	1.3	.6	.8	1.1	.6	1.3	2.3	1.1	10
	18 - 20	2.2	1.5	.6	.9	.6	.7	.2	.4	.4	.3	1.7	1.9	.9	10
	21 - 23	1.8	.9	.5	.6	.4	.8	.2	.4	.3	.4	1.8	1.4	.8	10
	ALL	3.8	2.7	1.4	1.2	.8	.7	.3	.6	.8	.9	2.0	3.3	1.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	2.5	1.5	.4	.3	.1	.2	.1	.3	.1	.4	.8	3.0	.8	10
	03 - 05	5.5	3.5	1.5	2.3	1.1	.1	.1	.0	.2	1.3	1.7	4.9	1.8	10
	06 - 08	6.3	4.9	2.2	2.1	.8	.0	.3	.4	.4	1.1	2.6	4.9	2.2	10
	09 - 11	2.3	2.6	.9	.3	.5	.1	.4	.8	.2	.4	1.2	2.9	1.0	10
	12 - 14	1.0	.4	.5	.3	.2	.6	.1	.3	.6	.1	.2	1.1	.4	10
	15 - 17	.8	.8	.2	.2	.0	.7	.3	.2	.7	.3	.4	1.5	.5	10
	18 - 20	.6	.2	.3	.2	.2	.2	.1	.1	.2	.1	.9	1.3	.4	10
	21 - 23	1.0	.4	.2	.3	.2	.6	.2	.2	.2	.4	1.0	1.3	.5	10
	ALL	2.5	1.8	.8	.8	.4	.3	.2	.3	.3	.5	1.1	2.6	1.0	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	10
	03 - 05	1.3	2.1	.9	.9	.3	.0	.0	.0	.0	.1	.3	1.2	.6	10
	06 - 08	2.0	2.2	.6	.3	.2	.0	.0	.0	.1	.1	.2	1.0	.6	10
	09 - 11	.2	.4	.0	.0	.1	.0	.0	.2	.0	.0	.0	.1	.1	10
	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	15 - 17	.0	.1	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	10
	18 - 20	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	10
	ALL	.5	.7	.2	.2	.1	.0	.0	.0	.1	.0	.1	.3	.2	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:															
HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV			ANN	
60NM	0/0	0/1	0/0	0/0	0/0	1/1	0/1	4/5	8/1	12/4	0/0			25/13	
120NM	0/0	0/1	0/0	0/0	0/1	1/2	2/2	11/10	13/8	14/8	0/0			41/32	
240NM	0/0	0/1	0/0	0/0	1/2	5/8	4/6	21/29	19/21	21/25	4/3			75/95	
REMARKS : NONE															

PREPARED BY USAPETAC SEPTEMBER 1986				STATION NAME MURLBURY FIELD FL LOCATION N30 26 W386 41				PERIOD JUL 55-MAY 86 ELEV 36 FT				STN LTRS: MSC NO: 747770																																			
AWS CLIMATIC BRIEF												MEAN												SURFACE WINDS												MEAN NUMBER OF DAYS OCCURRENCE OF											
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)				PRESSURE				WIND DIRECTION				SPEED				PRECIP (IN)				SHOWFALL (IN)				TEMPERATURE (°F)										
	MEAN				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY										
	EXTREME				EXTREME				EXTREME				EXTREME				EXTREME				EXTREME				EXTREME				EXTREME				EXTREME				EXTREME										
	DAILY				DAILY				DAILY				DAILY				DAILY				DAILY				DAILY				DAILY				DAILY				DAILY										
JAN	59	41	53	80	9.8	4.4	11.0	0.1	3.9	0	0	0	72	57	21	36	400	N	6	44	6	10	3	0	0	16	0	0	35	8																	
FEB	62	44	55	81	18	5.4	12.6	1.2	7.2	0	0	0	77	59	26	41	450	N	7	52	6	9	3	0	0	3	14	0	0	11	5																
MAR	67	50	59	81	21.0	5.3	12.1	0.6	7.3	0	0	0	79	62	36	50	550	N	6	48	6	9	4	0	0	0	17	0	0	5	1																
APR	74	58	65	92.8	33	4.3	13.2	0.2	5.8	0	0	0	78	61	45	54	400	N	6	47	6	6	2	0	0	0	16	0	0	8	0																
MAY	81	65	73	92	41	3.5	11.0	0	6.2	0	0	0	79	64	60	64	300	S	6	53	6	7	2	0	0	0	5	15	8	6	0																
JUN	85	72	79	99	48	5.3	12.2	0.3	6.9	0	0	0	77	64	74	70	200	N	5	64	6	10	3	0	0	0	10	10	5	21	0																
JUL	83	74	81	101	59	7.4	27.1	1.4	6.8	0	0	0	80	68	82	73	150	S	4	40	7	12	4	0	0	0	16	11	10	26	0																
AUG	83	74	81	100	63	7.2	13.3	1.2	4.3	0	0	0	80	66	79	72	150	N	4	46	6	13	4	0	0	0	15	12	9	28	0																
SEP	85	70	78	94	43	7.1	20.5	0.1	8.6	0	0	0	77	61	67	67	250	N	5	74	5	9	4	0	0	0	7	12	4	20	0																
OCT	79	59	67	91	33	4.2	17.4	0	6.6	0	0	0	75	56	47	57	300	N	5	44	5	6	2	0	0	0	7	11	4	4	0																
NOV	69	50	62	84	19	3.4	7.6	0.4	3.7	0	0	0	77	59	38	51	350	N	5	50	6	7	2	0	0	0	2	13	0	0	1																
DEC	63	45	54	81	10	4.9	13.3	0.6	7.1	0	0	0	75	59	29	44	350	N	6	56	6	9	1	0	0	0	2	19	0	0	1																
ANN	73	59	67	101	98	62.2	27.1	0	8.8	0	0	0	77	61	67	67	350	N	5	74	6	10	3	0	0	0	12	12	28	105	4																
YR	31	31	31	31	31	31	31	31	31	31	31	31	10	10	10	10	10	10	10	28	10	31	31	31	31	31	31	31	31	31	31																
REMARKS: NUMBER OF DAYS WITHIN: A/R MAY JUN JUL AUG SEP OCT NOV ANN																																															
UNUSUALLY DRY: JUN 76 - MAY 86 60MM 0/0 0/2 1/1 1/1 2/2 0/2 0/0 2/11																																															
SIMILARITY OF DAY DATA: JUL 55 - MAY 86 (A) HURRICANE 120MM 0/1 0/4 1/1 4/5 11/12 2/5 1/2 21/14																																															
(B) TROPICAL STORM 240MM 0/2 4/16 1/1 11/21 14/10 4/22 1/0 41/100																																															
NOTE: DATA NOT AVAILABLE = AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S % CALM ETR % PLVG ORCTN 3 BASED ON < FULL MONTHS																																															
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI																																															
ALL HRS																																															
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI																																															
ALL HRS																																															
CEILING LESS THAN 700 FT AND/OR VISIBILITY LESS THAN 1/2 MI																																															
ALL HRS																																															

A W S CLIMATIC BRIEF October 1987	Station Name: JACKSONVILLE IAP FL												Field Elev: 30 ft	
	Latitude/Longitude: N30 30 W081 41												Station MSC: 722060	
	Hourly Obs POR: Apr 77 to Mar 87												Call Sign: KJAX	
	Summary of Day POR: Jan 48 to Mar 87												Supersedes: Mar 1982	
LST - GMT -5														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	84	88	91	95	100	103	103	102	98	96	88	84	103	39
MEAN MAX TEMP °F	65	68	74	80	86	90	92	91	87	80	73	67	79	39
MEAN TEMP °F	54	57	62	69	75	80	83	82	79	71	62	56	69	39
MEAN MIN TEMP °F	43	45	51	57	64	70	73	73	70	61	51	45	59	39
XTRM MIN TEMP °F	7	22	23	35	45	47	61	63	48	36	21	11	7	39
D/W TEMP > 95°F	0	0	0	#	2	6	8	5	1	#	0	0	22	39
D/W TEMP > 90°F	0	0	#	1	8	16	23	21	10	1	0	0	80	39
D/W TEMP < 40°F	13	8	5	1	0	0	0	0	0	#	4	11	42	39
D/W TEMP < 32°F	6	3	1	0	0	0	0	0	0	0	1	4	15	39
VPR PRESS ("Hg)	.25	.30	.38	.45	.58	.74	.82	.82	.76	.58	.45	.32	.50	10
MEAN DEWPOINT °F	40	45	51	56	63	70	73	73	71	63	56	47	59	10
99.95% WCPA Ft	400	450	550	400	300	200	150	150	250	250	250	300	350	10
MEAN RH 07 LST %	85	86	88	86	87	88	88	91	92	92	91	89	89	10
MEAN RH 13 LST %	57	57	53	49	54	60	61	64	65	61	61	62	59	10
MAX 24HR PRECIP "	2.7	4.9	7.1	7.4	5.4	5.9	7.3	7.8	10.1	6.5	2.8	2.9	10.1	39
MAX PRECIP "	7.3	8.9	10.2	11.6	10.4	12.9	16.2	16.2	19.4	13.4	4.9	7.1	19.4	39
MEAN PRECIP "	3.0	3.7	3.9	3.1	3.8	5.5	6.2	7.5	7.5	3.9	1.9	2.7	52.7	39
MIN PRECIP "	.1	.5	.7	.3	.6	2.2	2.0	2.2	1.0	.3	#	#	#	39
D/W PRECIP > .01"	8	8	6	6	8	12	14	14	13	9	6	8	114	39
D/W PRECIP > .5"	2	2	2	2	2	3	4	5	4	2	1	2	31	39
MAX 24HR SNFL "	#	#	1	0	0	0	0	0	0	0	0	#	1	39
MAX SNFL "	#	#	1	0	0	0	0	0	0	0	0	#	1	39
MEAN SNFL "	#	#	#	0	0	0	0	0	0	0	0	#	#	39
D/W SNFL > .1"	0	0	#	0	0	0	0	0	0	0	0	0	#	39
D/W SNFL > 1.5"	0	0	0	0	0	0	0	0	0	0	0	0	0	39
MEAN WND DRCTN	\$W	\$W	\$W	\$W	\$SE	\$SW	\$W	\$E	\$E	\$N	\$N	\$N	\$W	10
MEAN WND SPD Kts	7	7	7	7	6	6	5	5	5	6	6	6	6	10
MAX WND SPD** Kts	56	44	47	52	62	58	53	57	51	37	43	53	62	17
MEAN CLD CVR 10th	6	6	6	5	5	6	6	6	6	5	6	6	6	10
D/W TSTORMS	1	2	3	3	6	11	15	13	7	2	1	1	65	39
D/W FOG VSBY <7mi	16	14	15	12	13	12	10	14	14	16	16	16	68	39
Legends: ANN - Annual YOR - Years of record POR - Period of record														
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude														
# - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.														
** - Instantaneous peak winds * - Percentage of calm winds > mean direction														
* - Data not available														
REMARKS: Hurricanes/tropical storms observed (1900-1985):														
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL			
Within 60NM	0/0	0/0	0/0	0/2	0/2	1/1	3/4	1/5	2/4	0/0	7/18			
Within 120NM	0/0	0/0	0/0	0/3	1/5	2/4	6/15	3/11	5/9	1/0	18/47			
Within 240NM	0/1	0/0	0/0	1/5	3/13	8/10	17/24	18/28	11/22	2/0	60/103			

A W S CLIMATIC BRIEF		Station Name: JACKSONVILLE IAP FL Latitude/Longitude: N30 30 W081 41 Hourly Obs POR: Apr 77 to Mar 87 Summary of Day POR: Jan 48 to Mar 87 LST - GMT -5										Field Elev: 30 ft Station MSC: 722060 Call Sign: KJAX Supersedes: Mar 1982				
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VSBY	00-02	27	23	18	11	10	6	2	7	13	19	30	27	16		
	03-05	28	30	21	17	20	14	9	12	18	29	34	33	22		
	06-08	30	33	31	21	27	27	17	23	32	35	40	37	29		
	09-11	28	31	26	13	17	19	13	22	23	27	32	32	24		
LESS THAN	12-14	24	27	18	11	10	13	9	16	23	25	26	29	19		
3000/3	15-17	21	19	13	8	7	8	8	10	14	19	17	23	14		
	18-20	21	20	13	6	7	6	5	7	13	15	15	24	13		
	21-23	24	21	15	6	6	5	3	7	12	15	23	25	14		
	00-24	25	26	19	12	13	12	8	13	19	23	28	29	19	10	
CIG/VSBY	00-02	20	18	12	7	7	4	1	5	9	14	25	22	12		
	03-05	23	24	17	14	17	12	7	9	14	24	29	28	18		
	06-08	23	27	24	18	24	25	16	22	29	30	34	32	25		
	09-11	21	24	17	7	7	7	5	9	12	17	25	27	15		
LESS THAN	12-14	15	15	8	4	2	3	3	3	7	10	12	19	8		
1500/3	15-17	13	14	7	3	2	3	3	3	6	10	11	17	8		
	18-20	14	15	8	3	5	4	3	4	6	11	14	18	9		
	21-23	18	15	9	4	3	3	1	4	6	11	18	19	9		
	00-24	19	19	13	8	8	8	5	7	11	16	21	23	13	10	
CIG/VSBY	00-02	16	12	10	6	5	3	#	4	6	11	22	18	9		
	03-05	18	19	14	11	14	8	4	7	10	18	24	23	14		
	06-08	19	22	17	14	19	15	9	14	20	22	27	27	19		
	09-11	16	18	10	4	4	4	2	5	6	11	18	19	10		
LESS THAN	12-14	11	11	3	2	1	2	1	2	4	5	8	12	5		
1000/2	15-17	9	11	4	1	#	2	2	2	3	5	7	12	5		
	18-20	10	11	5	1	2	1	1	2	3	6	11	14	6		
	21-23	14	12	7	2	2	1	1	2	3	6	14	16	7		
	00-24	14	15	9	5	6	5	3	5	7	11	16	18	10	10	
CIG/VSBY	00-02	6	2	3	2	1	1	#	#	#	2	7	7	3		
	03-05	7	3	5	5	5	3	1	2	3	7	10	7	5		
	06-08	7	5	7	4	7	4	2	4	5	6	10	9	6		
	09-11	3	2	1	0	#	0	0	#	0	1	2	4	1		
LESS THAN	12-14	#	0	#	#	0	#	0	0	0	0	#	#	#		
200/1/2	15-17	#	#	0	0	0	#	#	0	0	0	0	#	#		
	18-20	1	1	#	0	0	0	#	0	0	0	1	2	#		
	21-23	3	2	#	0	0	0	0	0	0	1	3	5	1		
	00-24	3	2	2	1	2	1	#	1	1	2	4	4	2	10	

A W S CLIMATIC BRIEF DEC 91	STATION NAME: MACDILL AFB/TAMPA FL LATITUDE/LONGITUDE: 27 31 N 082 31 W MOUPLY OBS FOR: AUG 80 - JUL 90 SUMMARY OF DAY FOR: MAY 41-JUL 90 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +05													FIELD ELEV: 14 FT STATION MNC: 747880 CALL SIGN: RMCF SUPERSEDES: NOV 85		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	TOR	
	EXTN MAX TEMP (F)	87	86	90	93	96	100	99	97	97	94	90	89	100	49	
	MEAN MAX TEMP (F)	70	71	76	81	86	89	90	90	89	84	77	72	81	49	
	MEAN TEMP (F)	61	63	68	73	78	82	83	83	82	76	69	63	73	49	
MEAN MIN TEMP (F)	53	54	59	64	70	74	76	76	75	68	60	54	65	49		
EXTN MIN TEMP (F)	25	30	32	41	55	54	67	68	61	43	29	20	20	49		
D/W TEMP GE 95 (F)	0	0	0	0	1	1	1	1	1	0	0	0	5	49		
D/W TEMP GE 90 (F)	0	0	0	1	6	15	18	19	14	2	8	0	75	49		
D/W TEMP LT 40 (F)	3	1	1	0	0	0	0	0	0	0	1	2	8	49		
D/W TEMP LT 33 (F)	1	0	0	0	0	0	0	0	0	0	0	1	2	49		
HEATING DEGREE DAYS	163	116	49	6	0	0	0	0	0	3	42	131	510	49		
COOLING DEGREE DAYS	54	66	139	244	419	517	558	561	509	348	184	72	3853	49		
MEAN DEWPOINT TEMP (F)	49	52	55	58	64	70	71	72	70	64	59	52	61	10		
MEAN WET BULB TEMP (F)	54	57	60	63	68	74	74	75	73	68	63	56	65	10		
99.95% MCPA (FT)	250	350	400	300	200	150	100	150	200	200	250	200	250	10		
MEAN REL HUM 07 LST(%)	79.9	80.6	79.8	78.9	79.3	80.8	78.9	81.1	83.4	80.4	81.8	80.6	80.5	10		
MEAN REL HUM 13 LST(%)	57.8	56.3	54.1	51.2	51.8	58.6	59.0	61.6	60.3	55.9	58.6	58.5	57.0	10		
MAX 24HR PRECIP (IN)	4.30	3.50	3.12	2.99	7.40	10.74	7.29	6.80	6.03	4.90	5.06	3.19	10.74	49		
MAX PRECIP (IN)	10.97	8.73	14.38	5.21	11.24	17.23	19.00	18.09	17.31	11.15	7.00	7.97	67.62	49		
MEAN PRECIP (IN)	2.34	2.79	3.35	1.57	2.62	5.70	7.02	7.84	6.06	2.91	1.87	2.23	45.79	49		
MIN PRECIP (IN)	0	.12	.05	.00	0	1.01	1.80	1.23	.76	0	0	.09	29.25	49		
D/W PRECIP GE .01 (IN)	6	6	7	5	6	12	16	16	12	6	5	6	103	49		
D/W PRECIP GE .50 (IN)	1	2	2	1	2	3	4	5	4	1	1	2	28	49		
MAX 24HR SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44		
MAX SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44		
MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44		
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44		
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44		
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	44		
PRVING WND DIR (DEG)	32-34	05-07	05-07	32-34	08-10	08-10	08-10	08-10	05-07	05-07	05-07	05-07	05-07	10		
MEAN WND SPD (KTS)	5	6	7	6	6	5	4	5	5	6	6	5	6	10		
MAX WND SPD (KTS)	44	65	48	49	52	84	56	55	75	54	65	44	75	44		
SKY COVER GT 5/10 (%)	43.7	45.7	42.4	32.6	32.5	45.7	50.5	50.1	44.6	32.6	41.3	47.6	42.4	10		
D/W THUNDERSTORMS	1	2	3	3	5	13	19	19	11	3	1	1	81	49		
D/W FOG (VBST LT 7 MI)	14	11	11	7	5	4	2	3	6	7	10	12	92	49		
LEGEND: ANN = ANNUAL. D/W = MEAN NUMBER OF DAYS WITH = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE FOR/TOR = PERIOD/TRANS OF RECORD MCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE 0 = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY														
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST															
	00 - 02	18.2	15.2	9.2	4.1	2.2	1.1	.6	1.6	2.0	4.1	9.6	13.4	6.8	10	
	03 - 05	25.3	18.8	13.7	5.6	3.8	2.3	1.1	2.4	3.2	7.3	14.1	18.2	9.6	10	
	06 - 08	31.4	24.7	18.3	9.2	5.6	4.0	1.7	3.3	3.3	10.8	17.8	20.2	12.4	10	
	09 - 11	24.6	16.9	9.1	4.2	2.3	1.6	.4	2.6	2.3	8.4	12.6	14.0	8.2	10	
	12 - 14	13.4	6.0	5.6	1.7	1.2	1.2	1.1	2.3	2.2	3.0	6.9	8.7	4.4	10	
	15 - 17	9.4	6.4	5.7	1.7	.8	1.4	2.3	2.6	2.8	2.3	4.8	9.1	4.1	10	
	18 - 20	8.8	8.5	6.1	2.6	1.5	2.7	2.4	3.2	2.4	3.0	5.9	8.5	4.6	10	
	21 - 23	12.9	11.9	5.7	2.8	1.2	2.0	.1	1.1	1.7	2.8	6.3	11.3	5.0	10	
	ALL	18.0	13.6	8.9	4.0	2.3	2.0	1.2	2.4	2.5	5.2	9.7	12.9	6.9	10	
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	13.9	10.3	5.5	2.4	1.4	.3	.1	1.1	1.6	2.8	6.0	10.5	4.7	10	
	03 - 05	21.1	15.0	9.6	4.2	2.5	1.4	.4	1.2	2.2	6.1	9.1	14.8	7.3	10	
	06 - 08	26.2	20.2	12.4	6.6	3.7	2.8	.6	2.6	2.7	9.9	13.2	16.6	9.8	10	
	09 - 11	19.8	13.7	5.4	2.4	1.2	.7	.1	1.1	1.8	6.2	8.1	11.0	6.0	10	
	12 - 14	8.1	3.1	3.1	.8	.4	.4	.3	.8	1.0	1.6	3.1	4.5	2.3	10	
	15 - 17	4.9	2.7	2.4	.4	.1	.6	1.1	.8	1.6	.6	1.9	4.7	1.8	10	
	18 - 20	6.0	4.5	1.7	.9	.4	1.6	1.0	1.6	1.1	.5	3.1	5.1	2.3	10	
	21 - 23	9.7	7.9	2.8	1.4	.5	.7	.1	.3	1.0	1.5	3.9	6.1	2.2	10	
	ALL	13.7	9.7	5.3	2.4	1.3	1.1	.5	1.2	1.6	3.7	6.1	9.4	4.6	10	
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	11.5	6.9	3.7	1.0	.9	.2	.0	.3	1.0	2.0	3.8	8.3	3.3	10
03 - 05		17.1	11.6	5.9	2.0	2.0	1.1	.0	.8	1.1	4.6	7.2	12.7	5.5	10	
06 - 08		21.7	15.7	7.5	3.3	1.8	1.4	.2	.6	1.7	8.2	11.3	13.1	7.2	10	
09 - 11		15.4	9.8	3.3	1.1	.2	.0	.0	.6	1.3	4.0	5.3	8.3	4.1	10	
12 - 14		5.5	2.0	1.0	.7	.3	.1	.1	.5	.2	.9	1.4	3.2	1.3	10	
15 - 17		3.8	1.5	.8	.2	.0	.2	.3	.6	1.1	.1	1.1	3.0	1.1	10	
18 - 20		4.6	2.1	.8	.1	.3	1.0	.3	.6	.2	.3	1.3	2.8	1.2	10	
21 - 23		8.2	4.8	1.1	.3	.5	.7	.1	.2	.3	.4	1.3	6.2	2.0	10	
ALL		11.0	6.8	3.0	1.1	.8	.6	.1	.6	.9	2.6	4.1	7.2	3.2	10	
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	4.3	1.7	1.2	.1	.0	.0	.0	.0	.0	.0	1.0	1.8	.8	10
	03 - 05	6.8	2.6	1.6	.3	.0	.0	.0	.0	.0	.3	1.9	3.5	1.4	10	
	06 - 08	9.1	3.2	2.4	.2	.0	.0	.0	.0	.0	.4	2.4	3.8	1.8	10	
	09 - 11	4.0	1.4	.2	.0	.0	.0	.0	.1	.0	.1	.7	1.0	.6	10	
	12 - 14	.1	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	10	
	15 - 17	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	.0	10	
	18 - 20	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	.3	.1	10	
	21 - 23	1.3	.8	.3	.0	.0	.0	.0	.0	.0	.0	.3	1.7	.4	10	
	ALL	3.2	1.2	.7	.1	.0	.0	.0	.0	.0	.1	.8	1.6	.7	10	
	HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1988															
SEP/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN			
60NM	0/0	0/0	0/0	0/0	0/0	1/4	0/2	5/4	4/3	6/3	1/0	0/0	17/16			
120NM	0/0	0/0	0/0	0/0	0/1	3/5	3/5	12/15	9/9	9/9	1/0	0/0	37/44			
240NM	0/0	0/1	0/0	0/0	1/4	6/18	5/12	19/22	19/33	20/26	2/1	0/0	72/117			
REMARKS : 0																

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MIAMI INTL FL USA
LOCATION: 25°48'N, 80°18'W
PREPARED BY: USAFETAC/ECR,

1988

STATION #: 722020
ELEVATION (FEET): 11
PERIOD: JAN 73 - DEC 83

ICAO ID: KMIA
LST = GMT -5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	86	89	90	96	94	95	96	98	95	92	89	86	98
MEAN DLY MAX 1	75	76	79	82	85	87	89	88	87	84	80	77	82
MEAN 1	68	69	73	76	79	82	83	83	82	79	74	70	76
MEAN DLY MIN 1	60	61	66	70	73	76	77	77	77	73	68	63	70
EXTREME MIN 2	34	35	37	42	55	65	69	68	69	54	39	34	34
# DAYS > 90 1	0	0	0	1	1	3	7	5	3	0	0	0	20
# DAYS < 32 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >= 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM 2	6.7	6.6	4.0	4.6	18.5	22.4	8.5	14.6	11.4	16.8	4.6	4.3	22.4
MEAN 2	2.8	2.3	2.4	1.7	6.7	12.3	6.4	7.3	8.4	8.3	2.0	1.6	62.2
MINIMUM 2	.5	.1	.4	.1	.4	5.5	4.5	3.6	5.1	2.9	.1	.1	.1
MAX 24 HR 2	2.4	4.5	2.1	1.7	4.4	4.7	2.7	2.8	4.1	5.7	2.5	1.8	5.7
# DAYS > 0.01 2	9	6	6	5	11	19	17	18	17	15	8	6	137
# DAYS >= 0.5 2	2	2	1	1	4	7	4	5	6	5	1	1	39
3. SNOWFALL (INCHES)													
MEAN 2	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM 2	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR 2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1 2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >= 1.5 2	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST) 1	83	83	82	78	83	87	86	88	88	85	84	83	84
RH (14 LST) 1	58	56	55	53	60	65	62	66	67	62	61	58	60
VAPOR PRESS 2	.53	.49	.55	.60	.69	.79	.82	.83	.83	.73	.58	.52	.66
DEWPOINT 1	57	57	61	63	68	72	73	74	74	69	64	59	66
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	NNW	E	ESE	E	E	E	ESE	E	E	E	E	N	E
MEAN SPEED (PVLG DRCTN) 1	8	11	19	12	11	9	9	9	9	9	10	8	10
MEAN SPEED (ALL OBS) 1	8	9	9	10	9	7	7	7	7	8	9	8	8
MAX (PK GST) 1	41	42	44	40	54	36	47	41	36	33	37	38	54
PRESSURE ALT 1	200	250	350	250	150	100	50	200	250	150	100	150	350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	4	4	4	4	5	5	5	5	4	4	4	4
DAYS TSMS 1	1	2	1	3	8	13	14	16	14	4	1	2	79
DAYS FOG < 7 1	7	6	5	3	2	1	1	1	1	3	4	5	39
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR
 2. RUSSWO POR: HOURLY AND DAILY OBS: 4801-7007
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	13	7	7	5	2	2	3	4	5	6	6	6
03-05 LST	9	13	8	7	7	3	3	5	3	5	10	9	7
06-08 LST	9	14	10	8	9	4	2	5	4	7	10	11	8
09-11 LST	10	16	19	14	22	15	15	14	13	13	12	10	14
12-14 LST	15	18	26	19	25	18	15	15	18	15	16	15	18
15-17 LST	9	13	15	11	14	10	7	9	8	9	10	10	11
18-20 LST	6	9	6	6	8	5	3	5	6	6	6	8	6
21-23 LST	6	10	4	5	5	3	2	4	4	6	6	6	5
ALL HOURS	9	13	12	9	12	8	6	7	8	8	10	9	9

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	2	1	1	#	#	1	1	1	2	3	2
03-05 LST	5	7	3	1	2	1	1	1	1	2	4	3	3
06-08 LST	5	7	4	4	4	1	1	1	1	3	5	5	3
09-11 LST	4	6	2	2	3	1	#	2	1	2	3	4	3
12-14 LST	3	4	1	1	2	2	#	2	2	2	2	3	2
15-17 LST	2	4	1	1	1	2	1	2	1	2	1	3	2
18-20 LST	2	3	1	1	1	2	#	1	1	1	2	2	1
21-23 LST	2	3	#	1	1	1	#	1	#	1	2	2	1
ALL HOURS	3	5	2	2	2	1	#	1	1	2	2	3	2

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	#	1	0	0	#	#	1	1	2	1
03-05 LST	4	5	1	1	1	#	#	1	#	1	3	3	2
06-08 LST	4	5	2	2	2	#	#	1	1	2	3	4	2
09-11 LST	3	3	1	1	1	#	0	1	1	1	2	2	1
12-14 LST	2	1	#	1	#	1	#	1	1	1	1	2	1
15-17 LST	1	2	1	#	0	1	#	1	#	1	1	2	1
18-20 LST	1	1	#	#	0	1	#	#	#	1	1	2	1
21-23 LST	1	1	#	0	0	#	0	1	0	#	1	1	1
ALL HOURS	2	3	1	1	#	#	#	1	#	1	1	2	2

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	0	0	0	0	#	0	0	0	#
03-05 LST	1	1	#	#	0	0	#	0	0	#	0	1	#
06-08 LST	1	1	#	1	@	0	#	0	0	0	#	1	#
09-11 LST	#	#	0	@	0	#	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
15-17 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
18-20 LST	0	#	0	0	0	0	#	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	#	#	#	#	#	#	#	0	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MIAMI INTL FL USA
 LOCATION: 25°47.6'N, 80°17.5'W
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 722020
 ELEVATION (FEET): 11
 PERIOD: JAN 73 - DEC 83

ICAO ID: KMIA
 LST = GMT -5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	#	#	1	1	2	2	#	#	0	1
03-05 LST	#	#	#	#	1	1	2	3	2	#	#	#	1
06-08 LST	#	#	#	#	1	2	1	2	2	#	#	#	1
09-11 LST	#	0	#	1	1	2	2	3	2	#	#	#	1
12-14 LST	#	#	#	1	4	7	6	8	7	1	#	#	3
15-17 LST	#	#	#	1	3	7	5	6	5	1	0	#	2
18-20 LST	#	#	1	1	2	4	3	3	4	2	#	0	2
21-23 LST	#	#	#	#	1	2	1	2	3	1	0	#	1
ALL HOURS	#	#	#	1	2	3	3	4	3	1	#	#	2

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	6	2	1	2	4	3	4	5	4	4	3	3
03-05 LST	2	5	3	3	4	4	3	5	5	5	5	3	4
06-08 LST	3	5	3	2	5	5	3	7	5	4	4	2	4
09-11 LST	5	4	3	3	5	7	4	8	7	5	3	3	5
12-14 LST	4	5	3	4	8	11	6	9	10	6	5	3	6
15-17 LST	4	7	4	3	10	13	7	9	9	7	4	4	7
18-20 LST	3	7	3	3	8	10	6	7	8	6	4	4	6
21-23 LST	3	6	2	3	4	6	3	4	4	4	5	2	4
ALL HOURS	3	6	3	3	6	8	4	7	6	5	4	3	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	#	1	1	1	1	#	1	#	1
03-05 LST	#	1	1	#	#	#	#	#	#	#	#	#	#
06-08 LST	#	#	#	1	0	#	#	1	#	#	#	#	#
09-11 LST	#	#	0	#	#	#	#	1	#	0	#	#	#
12-14 LST	1	#	1	1	#	#	#	1	#	#	#	#	#
15-17 LST	1	2	3	2	1	1	#	1	#	2	1	1	1
18-20 LST	2	2	4	2	1	1	1	2	1	1	1	1	2
21-23 LST	1	1	2	1	1	1	1	1	#	1	#	#	1
ALL HOURS	1	1	1	1	#	1	1	1	#	1	#	#	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 83
 2. AIRPORT CLIMATOLOGICAL SUMMARY, 1965-1974, NOAA
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	#	#	0	0	#	#	#	#	2	1
03-05 LST	4	4	1	1	1	#	#	1	#	1	2	2	1
06-08 LST	4	4	2	2	2	#	#	1	1	1	3	3	2
09-11 LST	2	2	1	1	1	#	0	1	#	#	2	2	1
12-14 LST	2	1	#	#	1	1	#	1	1	1	1	2	1
15-17 LST	1	1	1	#	#	1	#	1	#	1	#	1	1
18-20 LST	#	1	#	0	0	1	#	#	#	#	1	1	1
21-23 LST	1	1	#	0	0	0	0	#	0	#	1	1	#
ALL HOURS	2	2	1	1	1	#	#	1	#	#	1	2	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	0	0	#	#	#	#	#	1	#
03-05 LST	2	2	1	1	1	#	#	#	#	1	1	1	1
06-08 LST	2	3	1	1	2	0	#	#	#	#	2	3	1
09-11 LST	1	1	#	#	1	#	0	1	#	#	1	1	1
12-14 LST	1	1	#	#	1	#	#	1	1	1	#	#	1
15-17 LST	1	1	1	#	#	#	#	1	#	#	#	#	#
18-20 LST	#	#	#	0	0	1	#	#	#	0	#	#	#
21-23 LST	#	#	#	0	0	0	0	#	0	#	#	1	#
ALL HOURS	1	1	1	#	1	#	#	#	#	#	1	1	1

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	#	0	0	0	0	#	#	0	0	1	#
03-05 LST	1	2	#	#	#	0	#	#	0	#	#	1	#
06-08 LST	1	2	1	1	1	0	#	0	0	0	1	2	1
09-11 LST	#	1	#	#	#	#	0	#	#	#	#	1	#
12-14 LST	0	#	0	#	1	0	#	#	1	0	#	0	#
15-17 LST	0	#	0	#	0	0	#	#	0	#	0	#	#
18-20 LST	0	#	0	0	0	#	#	#	#	0	0	0	#
21-23 LST	#	0	0	0	0	0	0	#	0	0	0	0	#
ALL HOURS	#	1	#	#	#	#	#	#	#	#	#	1	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
03-05 LST	#	1	#	0	0	0	0	0	0	0	0	#	#
06-08 LST	#	1	#	#	#	0	0	0	0	0	#	#	#
09-11 LST	#	#	0	0	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	0	0	0	0	0	0	0	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	#	#	#	#	#	0	0	0	0	0	#	#	#

A W S	STATION NAME: NASA SHUTTLE LANDING FACILITY FL												FIELD ELEV: 9 FT	
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 28 37 N 080 41 W												STATION MNC: 747965	
	HOURLY OBS POR: NOV 78 - OCT 88												CALL SIGN: X68	
	SUMMARY OF DAY POR: MAR 78 - OCT 88													
	HOURS SUMMARIZED: 0000 - 2300 LST												SUPERSEDES: JUN 81	
JAN 89	LST TO UTC: +05													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	85	87	90	91	93	98	97	97	94	93	89	85	98	10
MEAN MAX TEMP (F)	67	70	74	79	83	88	90	89	87	83	77	72	80	10
MEAN TEMP (F)	58	62	66	70	75	80	82	82	80	75	70	64	72	10
MEAN MIN TEMP (F)	48	52	56	60	66	72	73	74	73	68	62	55	64	10
EXTRM MIN TEMP (F)	19	32	29	40	48	53	55	64	57	47	32	22	19	10
D/W TEMP GE 100 (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
D/W TEMP GE 90 (F)	0	0	#	1	3	9	15	14	6	1	0	0	49	10
D/W TEMP LT 40 (F)	6	3	1	0	0	0	0	0	0	0	1	2	13	10
D/W TEMP LT 33 (F)	2	#	1	0	0	0	0	0	0	0	#	1	4	10
HEATING DEGREE DAYS	235	139	73	14	0	0	0	0	0	#	34	117	612	11
COOLING DEGREE DAYS	28	49	94	169	314	448	520	522	451	326	182	90	3193	11
MEAN DEWPOINT TEMP (F)	50	53	56	59	65	72	73	74	72	67	62	57	63	10
MEAN WET BULB TEMP (F)	54	56	60	63	68	74	75	76	74	69	65	59	66	10
99.95% WCPA (FT)	300	350	450	300	200	200	100	150	250	200	200	200	250	10
MEAN REL HUM 07 LST(%)	89.3	88.2	86.9	85.0	83.9	87.1	88.4	90.2	89.7	86.6	89.7	89.5	87.9	10
MEAN REL HUM 13 LST(%)	60.8	60.3	57.2	53.6	58.8	63.9	63.9	67.0	67.5	62.9	65.4	64.1	62.1	10
MAX 24HR PRECIP (IN)	4.55	2.22	3.03	5.13	2.42	3.09	3.30	2.89	5.31	2.31	5.12	2.76	5.31	10
MAX PRECIP (IN)	7.08	7.84	8.54	7.82	5.01	8.85	12.79	10.06	14.71	6.00	10.82	5.85	55.64	10
MEAN PRECIP (IN)	2.63	2.88	3.28	2.43	3.08	4.91	6.32	5.20	6.41	3.14	3.88	2.62	46.87	10
MIN PRECIP (IN)	.06	.70	1.07	.04	1.18	2.20	2.35	1.14	2.09	.53	.17	.30	34.29	10
D/W PRECIP GE .01 (IN)	7	8	7	5	8	11	11	12	13	9	8	8	107	10
D/W PRECIP GT .50 (IN)	2	2	3	1	2	3	4	4	4	2	2	2	31	10
MAX 24HR SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
MAX SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
MEAN SNFL (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
MAX DLY SNO DEPTH (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	10
PRVLNG WND DIR (DEG)	32-34	35-01	14-16	14-16	11-13	08-10	17-19	11-13	08-10	05-07	35-01	32-34	08-10	10
MEAN WND SPD (KTS)	7	8	8	8	7	6	6	5	6	6	6	7	7	10
MAX WND SPD (KTS)	45	42	46	46	46	48	50	45	67	47	42	38	67	10
SKY COVER GT 5/10 (%)	49.0	51.4	46.0	39.2	40.0	51.4	48.0	51.5	50.0	40.1	47.0	54.3	47.6	10
D/W THUNDERSTORMS	1	2	3	3	7	12	16	15	9	4	2	2	76	10
D/W FOG (VSBY LT 7 MI)	12	11	9	7	6	5	4	6	4	6	7	11	88	10
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY																
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST															
	00 - 02	13.4	12.8	7.7	4.0	3.1	2.0	1.2	1.5	3.3	4.3	7.8	14.1	6.3	10	
	03 - 05	16.5	12.8	9.9	5.9	3.0	4.1	.8	2.2	3.1	5.1	11.4	18.5	7.8	10	
	06 - 08	22.3	19.9	16.0	7.6	4.9	5.9	3.3	2.7	5.7	7.5	13.7	19.6	10.8	10	
	09 - 11	17.2	15.2	9.7	4.7	4.0	5.0	1.7	3.0	5.7	5.9	9.7	13.0	7.9	10	
	12 - 14	14.0	9.3	6.6	3.7	4.4	5.3	3.9	4.2	5.9	3.8	7.9	10.4	6.6	10	
	15 - 17	11.9	8.6	4.3	2.8	4.2	3.1	4.3	4.1	6.3	3.3	6.6	9.1	5.7	10	
	18 - 20	10.5	9.5	5.6	3.8	3.2	3.2	3.9	3.0	4.7	4.6	6.9	9.0	5.7	10	
	21 - 23	9.7	8.0	5.1	3.8	1.9	2.7	2.9	1.6	3.4	4.2	8.2	9.2	5.1	10	
	ALL	14.4	12.0	8.1	4.5	3.6	3.9	2.7	2.8	4.8	4.8	9.0	12.9	6.9	10	
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	9.0	6.8	4.0	2.4	1.4	.3	.2	.5	.7	1.1	5.2	8.4	3.3	10	
	03 - 05	10.8	9.1	5.3	3.9	1.6	2.4	.2	1.3	1.0	2.9	7.3	12.0	4.8	10	
	06 - 08	17.0	15.0	10.0	5.9	3.0	4.6	2.2	1.9	2.6	4.7	9.4	14.7	7.6	10	
	09 - 11	11.1	10.8	4.1	2.2	.9	1.0	.3	.5	1.6	3.1	6.7	9.1	4.3	10	
	12 - 14	7.0	4.4	1.6	.8	.9	.3	.6	.6	1.2	1.0	3.4	5.1	2.2	10	
	15 - 17	6.6	3.1	1.8	.8	1.5	.6	1.1	1.2	.7	1.4	2.8	3.7	2.1	10	
	18 - 20	5.9	5.3	3.2	1.4	.4	1.0	1.2	.9	1.0	1.6	2.4	3.1	2.3	10	
	21 - 23	6.1	5.1	2.6	1.7	.1	.4	.8	.5	.6	1.3	4.2	4.4	2.3	10	
	ALL	9.2	7.4	4.1	2.4	1.2	1.3	.8	.9	1.2	2.1	5.2	7.6	3.6	10	
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	7.1	5.3	2.9	1.9	.9	.3	.0	.4	.3	.2	3.9	6.7	2.5	10
03 - 05		8.9	6.8	3.7	2.4	1.1	1.8	.2	1.1	.8	1.6	6.3	10.2	3.7	10	
06 - 08		12.8	11.7	5.9	4.1	2.4	3.7	1.4	1.3	1.7	3.2	6.9	11.4	5.5	10	
09 - 11		8.4	7.5	1.6	.8	.5	.7	.2	.2	.4	1.7	5.6	7.2	2.9	10	
12 - 14		5.7	3.2	1.1	.2	.4	.2	.2	.4	.3	.6	1.2	2.9	1.4	10	
15 - 17		5.7	2.0	1.5	.7	.8	.1	.4	1.1	.4	.6	1.0	1.8	1.3	10	
18 - 20		5.4	3.3	1.7	.6	.1	.6	.4	.5	.1	.4	1.3	1.8	1.3	10	
21 - 23		5.1	4.2	1.9	.7	.1	.0	.1	.1	.0	.0	2.3	3.2	1.5	10	
ALL		7.4	5.5	2.5	1.4	.8	.9	.4	.6	.5	1.1	3.6	5.7	2.5	10	
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	1.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	.2	1.3	.3	10
	03 - 05	1.7	.9	.6	.2	.0	.0	.0	.0	.0	.0	1.1	2.0	.5	10	
	06 - 08	2.5	2.0	1.1	.3	.2	.4	.2	.0	.1	.6	2.3	3.0	1.1	10	
	09 - 11	.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.2	10	
	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	
	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	
	18 - 20	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	
	21 - 23	.1	.6	.0	.0	.0	.0	.1	.0	.0	.0	.1	.4	.1	10	
	ALL	.8	.7	.2	.1	.0	.1	.0	.0	.0	.1	.5	.9	.3	10	
	HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1975-1986 (SPECIAL POR):															
NOTE: STORMS ARE COUNTED IN THEIR MONTH OF ORIGIN.																
HR/TS	JUN	JUL	AUG	SEP	OCT	NOV	ANN									
60NM	0/0	0/1	1/2	0/2	0/0	0/0	1/5									
120NM	0/1	1/1	1/2	1/2	0/1	0/0	3/7									
240NM	0/2	1/1	2/3	1/2	0/1	1/1	5/10									
REMARKS : @ ALL DATA FOR THIS CLIMATIC BRIEF DERIVED EXCLUSIVELY FROM STATION K68.																

PREPARED BY USAFETAC APRIL 1961		STATION NAME PATRICK AFB FL LOCATION AZR 14 -TSC 36		PERIOD JAN 50-NOV 60 ELEV 9 FT		STN LTR USAN NO WMO NO		COP 12867 74795																					
AWS CLIMATIC BRIEF																													
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				MEAN NUMBER OF DAYS OCCURRENCE OF								
	MEAN		EXTREME		MONTHLY		MAX 24 HRS		MONTHLY		MAX 24 HRS		LIST		DIRECTION		SPEED		PRECIP		SHOWFALL		FOG		TEMPERATURE				
	MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	LIST	DIRECTION	SPEED	PRECIP	SHOWFALL	FOG	TEMPERATURE	MAX	MIN	MAX	MIN	MAX	MIN				
JAN	69	54	63	86	29	2.3	7.8	0	2.8	0	0	83	65	145	56	250	NW	7	45	6	1	0	0	0	0				
FEB	70	56	63	88	32	7.8	6.6	0	4.7	0	0	86	63	144	53	360	N	8	56	5	2	0	0	0	0				
MAR	75	61	68	91	27	2.9	11.6	0	3.6	0	0	86	62	152	52	360	SE	8	62	5	2	0	0	0	0				
APR	78	67	73	96	48	1.9	6.6	0	2.8	0	0	75	59	156	52	360	E	8	65	5	1	0	0	0	0				
MAY	82	72	77	94	57	3.6	11.2	0	3.2	0	0	76	65	146	58	250	E	7	56	4	2	0	0	0	0				
JUN	85	72	80	96	67	5.8	20.4	0	6.9	0	0	81	70	174	72	250	E	6	64	6	11	0	0	0	0				
JUL	87	76	82	99	67	4.4	15.3	0	5.8	0	0	81	71	185	74	250	E	5	60	6	11	0	0	0	0				
AUG	87	77	82	97	66	4.4	11.4	0	9	0	0	81	71	185	74	100	E	5	60	6	11	0	0	0	0				
SEP	86	77	82	95	65	7.4	17.9	0	7.4	0	0	82	71	185	74	250	E	6	64	6	14	0	0	0	0				
OCT	81	72	77	91	50	5.2	17.4	0	7.4	0	0	76	66	149	68	250	E	6	58	5	11	0	0	0	0				
NOV	75	64	70	87	31	2.3	6.7	0	4.9	0	0	81	66	156	62	250	N	7	59	6	7	0	0	0	0				
DEC	71	54	64	84	22	1.9	5.1	0	12.0	0	0	79	68	151	59	250	NW	7	43	5	7	0	0	0	0				
ANN	79	68	73	92	27	3.4	12.4	0	7.4	0	0	81	68	162	65	250	E	7	64	6	10	0	0	0	0				
ALL	79	68	73	92	27	3.4	12.4	0	7.4	0	0	81	68	162	65	250	E	7	64	6	10	0	0	0	0				
ALL	79	68	73	92	27	3.4	12.4	0	7.4	0	0	81	68	162	65	250	E	7	64	6	10	0	0	0	0				
REMARKS										NUMBER OBSERVED WITHIN										A/B									
RUSNO FOR:										DEC 70-NOV 74 (24 OBS/DAY) (1900-1979)										FEB									
HRLY DATA:										APR 74-NOV 80 (17 OBS/DAY) (A) HURRICANES										1200H									
DAILY DATA:										JAN 50-NOV 80										2400H									
NOTE: DATA NOT AVAILABLE										= AMTS < WRITE SHOWN IN READING										INSTANTANEOUS PEAK WINDS									
CAY FREQ (S)										HRS LIST										JAN									
00-02										03-05										06-08									
09-11										12-14										15-17									
18-20										21-23										ALL HRS									
CEILING LESS THAN 100 FT										AND/OR VISIBILITY LESS THAN 3 MI																			
00-02										03-05										06-08									
09-11										12-14										15-17									
18-20										21-23										ALL HRS									
CEILING LESS THAN 100 FT										AND/OR VISIBILITY LESS THAN 3 MI																			
00-02										03-05										06-08									
09-11										12-14										15-17									
18-20										21-23										ALL HRS									
CEILING LESS THAN 100 FT										AND/OR VISIBILITY LESS THAN 3 MI																			
00-02										03-05										06-08									
09-11										12-14										15-17									
18-20										21-23										ALL HRS									
CEILING LESS THAN 100 FT										AND/OR VISIBILITY LESS THAN 3 MI																			
00-02										03-05										06-08									
09-11										12-14										15-17									
18-20										21-23										ALL HRS									
CEILING LESS THAN 100 FT										AND/OR VISIBILITY LESS THAN 3 MI																			
00-02										03-05										06-08									
09-11										12-14										15-17									
18-20										21-23										ALL HRS									
CEILING LESS THAN 100 FT										AND/OR VISIBILITY LESS THAN 3 MI																			

A W S CLIMATIC BRIEF AUG 92	STATION NAME: TYNDALL AFB/PANAMA CITY FL LATITUDE/LONGITUDE: 30 04 N 085 35 W HOURLY OBS POR: NOV 81 - OCT 91 SUMMARY OF DAY POR: APR 42-JUL 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +05												FIELD ELEV: 18 FT STATION MSC: 747750 CALL SIGN: KPM SUPERSEDES: MON YR		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	80	82	85	92	98	98	101	99	99	93	89	81	101	49
	MEAN MAX TEMP (F)	62	64	69	76	82	87	88	89	86	80	71	64	77	49
	MEAN TEMP (F)	54	56	62	68	75	80	82	82	79	71	62	56	69	49
	MEAN MIN TEMP (F)	45	48	54	60	67	74	76	76	72	62	53	47	61	49
	EXTRM MIN TEMP (F)	13	19	26	40	51	53	64	63	47	39	24	11	11	49
	D/W TEMP GE 95 (F)	0	0	0	0	#	1	1	1	1	0	0	0	4	49
	D/W TEMP GE 90 (F)	0	0	0	#	1	6	10	13	7	1	0	0	38	49
	D/W TEMP LT 33 (F)	3	2	1	0	0	0	0	0	0	0	1	2	9	49
	D/W TEMP LT 20 (F)	#	#	0	0	0	0	0	0	0	0	0	#	#	49
	HEATING DEGREE DAYS	337	248	136	26	#	0	0	0	#	16	126	280	1169	49
	COOLING DEGREE DAYS	11	14	48	137	323	473	542	549	445	220	62	20	2844	49
	MEAN DEWPOINT TEMP (F)	42	46	51	56	65	72	74	74	69	59	53	45	59	10
	MEAN WET BULB TEMP (F)	48	51	56	61	68	74	76	76	72	64	58	51	63	10
	99.95% WCPA (FT)	350	400	500	350	250	200	100	150	200	250	300	300	350	10
	MEAN REL HUM 07 LST(%)	76.0	78.6	80.4	79.1	85.7	87.0	89.4	88.2	85.2	81.3	78.8	76.5	82.2	10
	MEAN REL HUM 13 LST(%)	59.8	60.4	60.2	58.5	63.5	69.0	72.5	69.4	62.6	56.2	58.3	59.4	62.5	10
	MAX 24HR PRECIP (IN)	4.75	4.30	6.50	6.31	4.41	4.82	9.05	7.05	8.54	5.12	5.11	3.13	9.05	49
	MAX PRECIP (IN)	18.50	8.79	18.13	10.69	9.05	15.28	21.43	16.29	20.60	14.41	10.37	11.74	89.63	49
	MEAN PRECIP (IN)	4.11	3.90	5.29	3.95	2.86	5.00	8.21	6.98	5.68	3.06	3.19	3.82	55.77	49
	MIN PRECIP (IN)	#	.75	.73	.00	#	.24	.81	.69	.40	.01	.46	.20	30.16	49
	D/W PRECIP GE .01 (IN)	9	8	8	5	5	8	13	13	9	5	7	8	98	49
	D/W PRECIP GT .50 (IN)	3	2	3	2	2	3	5	4	3	2	2	2	33	49
	MAX 24HR SNFL (I')	.8	1.0	#	0	0	0	0	0	0	0	#	1.0	1.0	45
	MAX SNFL (IN)	.8	1.0	#	0	0	0	0	0	0	0	#	1.0	1.0	45
	MEAN SNFL (IN)	#	#	#	0	0	0	0	0	0	0	#	#	.1	45
	D/W SNFL GE .1 (IN)	#	#	0	0	0	0	0	0	0	0	0	#	#	45
	D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	45
	MAX DLY SNO DEPTH (IN)	0	1	0	0	0	0	0	0	0	0	0	1	1	45
	PRVLNG WND DIR (DEG)	35-01	35-01	14-16	23-25	20-22	23-25	23-25	23-25	05-07	05-07	05-07	35-01	05-07	10
	MEAN WND SPD (KTS)	6	6	6	6	5	5	4	4	4	5	6	6	5	10
	MAX WND SPD (KTS)	47	52	51	55	52	60	56	68	69	43	68	46	69	44
	SKY COVER GT 5/10 (%)	52.2	55.1	48.4	41.6	42.8	44.2	47.1	46.0	37.5	34.1	42.8	53.1	45.4	10
	D/W THUNDERSTORMS	2	3	4	3	5	9	14	14	6	2	2	2	66	49
	D/W FOG (VSBY LT 7 MI)	16	13	15	14	11	7	5	6	7	9	12	13	128	49
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	28.1	25.4	26.3	13.9	7.5	4.8	1.2	2.6	4.8	6.6	17.6	26.3	13.8	10
	03 - 05	32.6	31.6	30.5	19.3	13.0	4.9	2.3	4.2	6.8	11.7	22.8	29.0	17.4	10
	06 - 08	32.4	33.8	29.2	20.3	16.3	8.9	4.6	7.7	11.6	16.3	21.4	30.4	19.4	10
	09 - 11	30.4	26.7	23.2	12.2	7.5	7.1	3.0	6.1	7.9	10.9	17.4	25.4	14.8	10
	12 - 14	22.9	18.9	16.5	6.9	2.9	5.4	3.7	4.1	5.7	6.1	11.8	17.6	10.2	10
	15 - 17	20.9	17.6	14.6	7.4	2.2	4.4	3.2	4.7	4.3	2.9	10.0	17.5	9.1	10
	18 - 20	20.0	19.6	16.2	8.7	2.8	3.2	1.7	2.4	3.7	3.8	10.7	19.6	9.4	10
	21 - 23	24.2	22.1	19.4	10.9	4.6	2.9	1.3	1.9	3.9	3.8	11.4	22.7	10.8	10
ALL	26.4	24.5	22.0	12.5	7.1	5.2	2.6	4.2	6.1	7.8	15.4	23.6	13.1	10	
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	22.6	20.0	21.1	11.7	5.6	2.2	.3	1.8	2.7	5.1	12.3	18.4	10.3	10
	03 - 05	25.2	24.8	25.7	16.2	11.1	3.4	.8	3.4	4.9	9.2	18.4	21.8	13.7	10
	06 - 08	25.2	26.5	23.1	15.9	13.2	4.8	2.3	6.2	9.9	13.1	16.1	24.6	15.1	10
	09 - 11	21.6	20.7	16.2	7.8	4.5	1.8	.9	4.0	5.9	6.9	11.9	19.8	10.2	10
	12 - 14	16.2	9.9	10.1	3.3	1.4	2.2	1.0	2.6	2.3	2.0	5.4	11.7	5.7	10
	15 - 17	14.8	10.2	8.9	3.8	1.1	1.8	1.0	2.4	2.3	1.1	4.6	9.2	5.1	10
	18 - 20	14.2	11.9	9.0	5.4	1.6	1.1	.4	1.1	2.6	1.5	5.8	12.6	5.6	10
	21 - 23	18.0	16.4	14.1	8.8	3.1	1.0	.5	1.1	2.1	1.6	7.3	16.3	7.5	10
	ALL	19.7	17.6	16.0	9.1	5.2	2.3	.9	2.8	4.1	5.1	10.2	16.8	9.1	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	19.7	17.0	18.1	9.4	4.1	1.1	.2	.8	1.8	3.5	8.9	15.6	8.3	10
	03 - 05	23.0	21.9	22.7	12.9	9.0	2.3	.6	2.6	3.8	7.1	14.0	19.0	11.6	10
	06 - 08	22.6	23.3	19.7	12.4	10.6	3.8	1.5	5.1	7.3	9.7	12.9	20.0	12.4	10
	09 - 11	16.9	16.8	11.5	5.0	2.7	1.1	.5	2.8	4.0	3.9	9.9	15.7	7.6	10
	12 - 14	11.8	7.1	6.2	2.0	1.2	1.1	.6	1.0	1.4	.4	2.2	7.6	3.5	10
	15 - 17	10.1	7.6	7.2	1.9	.6	.9	.2	.9	1.6	.3	2.8	5.7	3.3	10
	18 - 20	11.7	8.6	7.1	3.0	1.2	.3	.1	.5	1.9	.4	3.6	8.6	3.9	10
	21 - 23	14.5	13.4	11.2	6.3	1.2	.7	.5	.6	1.3	.4	5.0	12.6	5.6	10
	ALL	16.3	14.5	13.0	6.6	3.8	1.4	.6	1.8	2.9	3.2	7.4	13.1	7.0	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	6.1	7.1	7.3	2.4	.6	.0	.0	.4	.3	1.0	4.7	7.1	3.1	10
	03 - 05	7.5	9.5	11.1	4.4	2.7	.7	.0	.4	.1	2.2	5.2	8.1	4.3	10
	06 - 08	7.0	7.3	8.4	5.0	3.5	.8	.1	.3	.3	2.6	5.3	6.8	3.9	10
	09 - 11	2.5	2.7	1.3	.2	.1	.1	.0	.0	.0	.1	1.2	3.7	1.0	10
	12 - 14	.2	.4	.1	.0	.0	.0	.1	.1	.0	.0	.1	.3	.1	10
	15 - 17	.5	.7	.2	.0	.0	.1	.0	.0	.0	.0	.3	.2	.2	10
	18 - 20	1.1	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.9	1.6	.5	10
	21 - 23	2.9	3.9	2.4	.9	.0	.0	.0	.0	.0	.0	1.6	3.9	1.3	10
	ALL	3.5	4.1	3.9	1.6	.9	.2	.0	.2	.1	.7	2.4	4.0	1.8	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986															
HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		
60NM	0/0	0/0	0/0	0/0	0/1	1/5	1/2	4/4	8/7	1/0	1/0	0/0	16/19		
120NM	0/0	0/0	0/0	0/0	0/3	2/9	1/6	5/9	10/15	2/8	1/0	0/0	21/50		
240NM	0/0	0/0	0/0	0/0	0/3	4/16	3/11	16/23	20/35	10/24	2/0	0/0	55/112		
REMARKS : 2															

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DOBBINS AFB, GA
 LOCATION: 3355N 8431W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 722270
 ELEVATION (FEET): 1070
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: MGE
 LST = GMT-5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	78	79	86	91	92	98	102	104	96	87	81	75 104
MEAN DAILY MAX	1	50	56	65	71	79	85	88	87	80	71	63	53 71
MEAN	1	41	46	55	62	70	77	80	79	73	62	54	45 62
MEAN DAILY MIN	1	33	36	44	50	59	67	71	70	64	52	45	36 52
EXTREME MIN	1	-2	11	12	27	40	51	60	60	46	30	16	8 -2
# DAYS GE 90	1	0	0	0	#	#	7	14	9	2	0	0	0 33
# DAYS LE 32	1	14	10	3	#	0	0	0	0	0	#	3	10 41
# DAYS LE 0	1	#	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	2	12.4	11.2	13.8	12.6	8.9	10.4	11.9	9.2	8.7	8.4	15.3	12.3 *
MEAN	2	5.0	4.8	6.1	4.7	4.4	3.7	4.9	3.7	3.6	2.9	3.8	5.0 52.6
MINIMUM	2	0.0	0.0	#	1.3	0.2	0.8	0.1	0.5	#	0.0	0.0	0.0 *
MAX 24 HR	2	4.7	4.4	4.2	3.9	4.3	3.2	4.0	3.0	3.5	4.5	4.9	3.0 4.9
# DAYS W/PRECIP	1	14	12	13	10	13	12	14	13	11	8	11	12 143
# DAYS GE 0.5	2	4	3	4	3	3	3	3	3	2	2	3	3 36
3. SNOWFALL (INCHES)													
MEAN	2	#	1	1	0	0	0	0	0	0	0	#	1 3
MAXIMUM	2	5	5	13	0	0	0	0	0	0	0	1	5 *
MAX 24 HR	2	4	4	6	0	0	0	0	0	0	0	1	4 6
# DAYS W/SNOW	1	3	2	1	0	0	0	0	0	0	0	0	1 7
# DAYS GE 1.5	2	#	#	#	0	0	0	0	0	0	0	0	# #
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (6 LST)	1	74	74	74	75	81	82	83	85	85	82	79	75 79
RH (16 LST)	1	52	48	47	42	49	49	52	54	55	49	52	52 50
VAPOR PRESS	1	.19	.21	.27	.32	.47	.60	.69	.68	.58	.39	.30	.22 .41
DEWPOINT	1	29	32	39	45	56	63	67	67	62	50	42	33 49
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCIN	1	\$WNW	\$NW	\$E	\$WNW	\$W	\$W	\$WNW	\$E	\$E	\$E	\$E	\$WNW \$WNW
MEAN SPEED													
(PVLG DRCIN)	1	8	10	7	7	5	4	5	5	6	6	6	7 6
MEAN SPEED													
(ALL OBS)	1	6	6	6	5	4	4	4	3	4	4	5	5 5
MAX PEAK GUST	2	52	64	52	52	63	78	69	69	48	46	47	49 78
PRESSURE ALT	2	1500	1500	1550	1450	1350	1300	1200	1200	1300	1350	1350	1450 1550
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	4	5	5	5	4	5	4	4	5 5
DAYS TSIMS	1	1	2	4	4	7	9	11	10	4	1	1	1 56
DAYS FOG LT 7	1	14	12	14	11	15	16	18	21	20	15	16	13 184
DAYS BNBD LT 7	1	0	0	0	#	0	#	0	0	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(DOBBINS AFB, GA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, MAY 84, PERIOD OF RECORD RANGING FROM 11-37 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	23	19	7	14	18	23	12	20	13	21	33	19
03-05 LST	33	28	28	17	21	23	29	25	30	22	28	35	27
06-08 LST	39	35	34	24	28	27	36	44	41	31	37	37	34
09-11 LST	38	36	33	22	24	21	29	30	33	27	35	35	30
12-14 LST	34	32	30	19	20	16	22	18	27	20	30	30	25
15-17 LST	30	26	23	14	12	9	14	8	17	15	23	24	18
18-20 LST	28	24	19	10	8	7	11	8	13	13	21	23	16
21-23 LST	28	26	20	9	10	9	12	9	15	13	22	26	17
ALL HOURS	32	29	26	15	17	16	22	19	24	19	27	30	23

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	16	17	3	11	15	20	11	14	10	17	26	15
03-05 LST	25	21	21	11	17	20	26	23	25	17	23	27	21
06-08 LST	30	26	27	18	24	25	34	41	37	27	30	29	29
09-11 LST	29	26	25	13	17	14	22	21	26	22	27	28	23
12-14 LST	25	21	18	9	8	4	9	5	13	12	21	21	14
15-17 LST	21	16	14	6	4	4	8	4	10	10	15	16	11
18-20 LST	21	15	14	6	5	5	7	5	9	9	13	16	10
21-23 LST	22	16	15	6	6	5	8	6	10	9	15	18	11
ALL HOURS	24	20	19	9	11	12	17	15	18	15	20	23	17

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	12	13	3	10	13	10	5	10	8	13	20	11
03-05 LST	21	18	17	8	14	15	18	13	19	13	18	21	16
06-08 LST	24	22	21	12	17	17	23	25	26	19	24	22	21
09-11 LST	23	21	20	8	9	7	12	10	17	15	20	22	15
12-14 LST	19	15	12	5	4	2	3	2	8	9	14	17	9
15-17 LST	16	12	10	4	3	1	3	2	6	7	11	14	7
18-20 LST	17	12	11	4	3	2	3	2	6	7	10	14	8
21-23 LST	19	13	11	4	4	3	3	3	7	8	12	15	9
ALL HOURS	20	15	14	6	8	7	9	8	12	11	15	18	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	3	4	1	1	#	1	1	1	2	4	6	2
03-05 LST	7	4	5	1	2	2	3	2	3	3	5	6	4
06-08 LST	8	5	5	1	2	2	2	3	4	4	7	7	4
09-11 LST	6	4	3	#	0	#	#	#	#	2	3	5	2
12-14 LST	3	2	1	#	#	0	0	#	#	1	1	3	1
15-17 LST	3	1	1	#	0	0	#	#	#	1	1	2	1
18-20 LST	5	2	1	#	#	#	#	#	#	1	2	3	1
21-23 LST	5	2	2	#	#	#	0	#	1	2	3	4	2
ALL HOURS	5	3	3	1	1	1	1	1	1	2	3	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DOBBINS AFB, GA
 LOCATION: 3355N 8431W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 722270
 ELEVATION (FEET): 1070
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: MGE
 LST = GMT-5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	2	2	0	1	1	1	2	#	0	0	0	1
03-05 LST	#	1	2	1	2	1	#	1	#	0	#	0	1
06-08 LST	#	1	1	1	1	1	1	#	#	#	#	#	1
09-11 LST	#	#	1	1	1	1	1	1	#	#	1	#	1
12-14 LST	#	1	1	2	2	3	3	3	1	#	#	#	1
15-17 LST	#	1	1	2	5	7	9	8	3	1	#	#	3
18-20 LST	1	1	2	2	5	6	8	9	3	#	1	#	3
21-23 LST	1	1	2	2	3	3	5	5	2	#	1	#	2
ALL HOURS	13	1	2	1	2	3	4	4	1	#	#	#	3

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	12	10	5	7	7	2	5	10	8	7	15	8
03-05 LST	13	12	14	7	6	5	4	2	9	9	10	13	9
06-08 LST	14	13	14	9	6	5	6	3	8	8	11	13	9
09-11 LST	15	12	13	7	7	5	5	3	8	8	11	14	9
12-14 LST	14	13	11	7	8	5	5	4	8	7	11	13	9
15-17 LST	13	13	11	7	8	7	9	7	8	7	10	11	9
18-20 LST	15	13	12	7	6	6	9	7	9	7	9	10	9
21-23 LST	15	13	11	7	6	5	6	7	8	7	10	12	9
ALL HOURS	14	13	12	7	7	6	6	5	9	8	10	13	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	#	#	#
03-05 LST	2	1	#	0	0	0	0	0	0	0	#	1	#
06-08 LST	2	2	#	#	0	0	0	0	0	0	#	1	#
09-11 LST	3	3	1	#	0	0	0	0	0	0	#	1	1
12-14 LST	2	1	#	#	0	0	#	0	0	0	0	1	#
15-17 LST	2	2	#	#	0	0	0	0	0	0	0	#	#
18-20 LST	1	1	#	#	0	0	0	0	0	0	#	1	#
21-23 LST	2	2	#	#	0	0	0	0	0	0	0	#	#
ALL HOURS	2	2	#	#	0	0	#	0	0	0	#	1	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	1	0	0	0	0	0	#	#	1	1
03-05 LST	1	2	#	1	#	0	0	0	0	#	1	2	1
06-08 LST	2	1	1	1	#	0	0	0	0	#	#	#	#
09-11 LST	3	2	2	1	#	#	0	0	#	#	1	2	1
12-14 LST	4	2	3	3	1	#	0	#	#	#	1	2	1
15-17 LST	4	2	3	3	#	#	1	#	#	#	1	1	1
18-20 LST	2	2	1	1	#	#	#	#	#	#	#	#	1
21-23 LST	2	2	1	0	#	#	#	#	0	#	#	1	1
ALL HOURS	2	2	2	1	#	#	#	#	#	#	1	1	1

(DOBBINS AFB, GA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, MAY 84, PERIOD OF RECORD RANGING FROM 11-37 YRS.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	11	13	3	10	12	9	5	9	8	12	18	11
03-05 LST	20	15	16	7	13	13	17	12	17	12	16	19	15
06-08 LST	22	19	19	9	15	15	21	23	24	17	22	19	19
09-11 LST	21	19	16	6	8	5	8	7	14	13	18	20	13
12-14 LST	17	13	10	4	3	1	3	1	6	7	12	14	8
15-17 LST	14	10	8	4	2	1	2	2	5	6	10	12	6
18-20 LST	16	10	9	3	3	2	2	1	5	6	9	12	7
21-23 LST	16	11	10	3	3	3	2	2	6	7	10	13	7
ALL HOURS	18	14	13	5	7	6	8	7	11	10	14	16	11

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	7	10	2	6	5	6	3	5	6	9	11	7
03-05 LST	15	10	12	5	9	8	12	6	11	9	11	13	10
06-08 LST	16	13	12	6	9	8	12	13	14	12	15	14	12
09-11 LST	16	13	10	3	3	2	3	2	6	8	11	15	8
12-14 LST	12	7	6	2	1	#	1	#	3	3	7	10	4
15-17 LST	12	7	4	2	#	#	1	1	3	3	6	9	4
18-20 LST	12	7	6	2	1	1	1	1	3	5	6	10	4
21-23 LST	14	8	7	2	2	1	1	1	3	6	8	10	5
ALL HOURS	14	9	8	3	4	3	4	3	6	6	9	12	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	4	6	1	1	1	2	1	2	4	6	8	4
03-05 LST	10	7	7	2	4	5	5	3	5	6	6	9	6
06-08 LST	11	9	8	3	4	4	5	6	6	7	10	10	7
09-11 LST	10	6	4	1	1	#	#	1	2	3	6	9	4
12-14 LST	6	4	2	1	#	#	#	#	1	1	3	5	2
15-17 LST	6	3	2	1	0	#	#	#	1	2	3	4	2
18-20 LST	7	4	3	1	#	#	#	#	1	2	4	5	2
21-23 LST	8	4	4	1	1	#	#	#	1	3	4	6	3
ALL HOURS	9	5	5	1	1	1	2	1	2	3	5	7	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	#	1	#	0	0	1	1	2	4	1
03-05 LST	4	2	3	1	1	1	1	1	2	2	3	4	2
06-08 LST	4	3	3	1	1	1	#	1	2	2	4	4	2
09-11 LST	3	2	1	#	0	0	0	0	#	1	2	2	1
12-14 LST	1	1	1	#	#	0	0	0	0	#	#	1	#
15-17 LST	1	#	1	#	0	0	#	0	#	#	#	1	#
18-20 LST	2	1	1	#	0	#	#	#	#	#	1	2	1
21-23 LST	3	1	1	#	#	0	0	0	#	1	1	2	1
MLL HOURS	2	1	1	#	#	#	#	#	1	1	2	2	1

A W S CLIMATIC BRIEF September 1987		Station Name: FORT BENNING/LAWSON AAF GA Latitude/Longitude: N32 20 W085 00 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: May 39 to Apr 87 LST - GMT -5		Field Elev: 232 ft Station MSC: 722250 Call Sign: KLSF Supersedes: Sep 1982										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	84	83	90	93	99	105	107	104	101	98	87@	84	107	48
MEAN MAX TEMP °F	58	62	# 69	78	84	90	91	91	87	78	68	60	76	48
MEAN TEMP °F	47	50	57	65	72	79	81	81	76	66	56	49	65	48
MEAN MIN TEMP °F	36	38	45	52	60	68	71	71	66	54	43	38	53	48
XTRM MIN TEMP °F	0	8	16	29	37	47	55	58	38	26	12	5	0	48
D/W TEMP > 95°F	0	0	0	0	1	6	7	6	2	#	0	0	22	48
D/W TEMP > 90°F	0	0	#	#	7	17	20	20	11	1	0	0	76	48
D/W TEMP < 32°F	14	9	4	#	0	0	0	0	0	#	5	12	44	48
D/W TEMP < 30°F	10	6	1	#	0	0	0	0	0	#	3	8	28	48
VAPOR PRESS "Hg	.18	.21	.28	.36	.52	.67	.76	.74	.62	.42	.32	.22	.40	10
MEAN DEWPOINT °F	32	36	43	50	60	67	71	70	65	54	47	37	53	10
99.95% WCPA Ft	650	700	800	650	550	450	400	400	450	500	550	600	600	11
MEAN RH 07 LST %	76	78	80	84	85	81	85	87	86	82	81	77	82	10
MEAN RH 13 LST %	53	52	47	47	51	50	56	58	55	50	54	53	52	10
MAX 24HR PRECIP "	3.3	7.1	5.0	5.5	3.8	3.4	3.4	4.5	3.1	4.4	3.8	4.0	7.1	48
MAX PRECIP "	9.1	9.6	16.8	12.3	9.9	9.4	15.8	12.3	10.2	7.3	13.2	11.1	16.8	48
MEAN PRECIP "	4.1	4.5	5.6	4.3	3.7	3.7	5.6	4.1	3.4	1.8	3.1	4.9	48.8	48
MIN PRECIP "	.9	.9	.8	.3	.1	.8	1.0	.5	.1	#	.1	.6	#	48
D/W PRECIP > .01"	10	3	10	7	8	10	13	10	8	5	7	10	107	48
D/W PRECIP > .5"	3	3	3	3	2	3	3	3	2	1	2	3	31	48
MAX 24HR SNFL "	2	9	1	#	0	0	0	0	0	0	#	#	9	48
MAX SNFL "	2	11	1	#	0	0	0	0	0	0	#	#	11	40
MEAN SNFL "	#	#	#	#	0	0	0	0	0	0	#	#	#	40
D/W SNFL > .1"	#	#	#	0	0	0	0	0	0	0	0	0	#	40
D/W SNFL > 1:5"	#	#	0	0	0	0	0	0	0	0	0	0	#	40
MEAN WND DRCTN	\$W	\$WNW	\$NW	\$W	\$SE	\$W	\$W	\$E	\$E	\$N	\$N	\$WNW	\$W	10
MEAN WND SPD Kts	4	4	4	3	2	2	2	2	2	2	3	3	3	10
MAX WND SPD** Kts	42	48	61	48	70	64	70	55	52	41	@44	47	70	38
MEAN CLD CVR 10th	6	6	6	5	6	6	6	6	5	5	6	6	6	10
D/W TSTORMS	1	2	4	5	7	9	14	10	4	1	1	2	60	40
D/W FOG VSBY <7mi	16	14	16	15	17	16	18	20	18	20	18	16	204	40

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
@ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds
* - Data not available \$ - Percentage of calm winds > mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	MAY	JUN	JUL	AUG	SEP	OCT	ANNUAL
Within 60NM	0/0	0/0	0/0	0/3	0/2	0/0	0/5
Within 120NM	0/0	0/6	0/1	0/7	0/11	0/4	0/29
Within 240NM	0/3	3/14	1/8	10/22	12/29	3/16	29/92

A W S CLIMATIC BRIEF		Station Name: FORT BENNING/LANSON AAF GA Latitude/Longitude: N32 20 W085 00 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: May 39 to Apr 87 LST - GMT -5										Field Elev: 232 ft Station MSC: 722250 Call Sign: KLSF Supersedes: Sep 1982				
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VSBY	00-02	28	26	18	11	9	6	9	12	10	15	21	24	16		
	03-05	30	29	22	17	20	15	18	23	22	28	32	31	24		
	06-08	34	34	34	25	28	25	29	42	39	40	44	37	34		
	09-11	29	30	26	17	15	15	21	24	25	26	32	33	24		
LESS THAN	12-14	25	26	19	11	8	6	9	11	14	17	22	23	16		
3000/3	15-17	22	20	14	6	5	2	6	4	7	11	15	19	11		
	18-20	21	20	12	6	3	2	6	5	6	9	15	17	10		
	21-23	23	22	12	8	5	3	6	5	7	9	17	20	11		
	00-24	27	26	20	13	12	9	13	16	16	19	25	26	19	10	
CIG/VSBY	00-02	19	17	11	6	5		7	9	7	11	13	17	11		
	03-05	23	22	15	12	15		17	21	19	24	24	23	19		
	06-08	27	24	26	21	23	21	27	37	34	34	33	29	28		
	09-11	22	20	14	10	8	7	13	15	15	17	21	23	15		
LESS THAN	12-14	15	16	8	3	2	2	3	3	5	6	10	12	7		
1500/3	15-17	13	12	7	2	2	1	3	2	3	4	6	8	5		
	18-20	12	12	6	2	2	1	3	3	4	4	6	9	5		
	21-23	14	14	7	4	2	2	4	4	3	6	8	11	7		
	00-24	18	17	12	8	7	6	10	12	11	13	15	17	12	10	
CIG/VSBY	00-02	16	13	7	4	3	3	4	5	6	8	8	13	8		
	03-05	19	15	10	8	8	8	10	15	13	18	17	17	13		
	06-08	20	16	16	12	13	12	17	24	24	25	23	23	16		
	09-11	18	13	8	4	3	3	5	7	7	9	13	15			
LESS THAN	12-14	11	9	3	1	1	1	1	1	2	3	5	7			
1000/2	15-17	10	8	3	1	1	#	1	1	1	2	3	5	3		
	18-20	9	8	4	1	1	#	1	1	1	2	3	5	3		
	21-23	11	10	5	2	1	1	2	2	2	4	5	7	4		
	00-24	14	12	7	4	4	4	5	7	7	9	10	12	8	10	
CIG/VSBY	00-02	1	1	#	#	#	#	0	#	#	2	1	2	1		
	03-05	3	2	1	1	2	1	1	3	2	4	4	4	2		
	06-08	4	3	3	2	2	1	1	3	2	5	5	6	3		
	09-11	2	1	1	#	#	#	0	0	#	#	1	1	1		
LESS THAN	12-14	0	#	0	0	0	#	0	0	0	0	0	0	#		
200/1/2	15-17	0	#	0	0	0	0	#	#	0	0	0	0	#		
	18-20	1	0	0	0	0	0	0	0	0	0	0	#	#		
	21-23	1	1	0	0	#	0	#	0	0	#	0	1	#		
	00-24	2	1	1	#	1	#	#	1	1	1	1	2	1	10	

AWS CLIMATIC BRIEF

GLYNCO NAS/BRUNSWICK, GEORGIA

PERIOD: 1945-57B

WBAN # 93836

Prepared by ETAC (APR 1971)

N31 15 W081 28

ELEVATION: 35 ft STN LTRS: KNEA

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)		MEAN				99.95% (°F)	MEAN NUMBER OF DAYS										MEAN CLOUDS (Tenths)	
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE		PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F)					
																						MAXIMUM		MINIMUM			
																						IV	II	I	0		
																						90	80	32	0		
JAN	82	62	41	15	3.1	2.3	#	#	WNW	6	42	88	65	44	.29	400	9	2	#	0	1	16	0	#	7	0	5
FEB	91	65	44	13	3.9	2.3	#	1	W	7	42	87	62	46	.31	450	9	3	#	0	1	13	#	1	3	0	5
MAR	89	70	49	27	3.9	2.9	#	#	W	7	49	87	59	51	.38	400	9	3	#	0	3	16	0	5	1	0	5
APR	92	76	56	35	2.8	3.4	0	0	SSE	6	56	89	60	58	.49	400	7	2	0	0	4	16	#	11	0	0	5
MAY	99	84	64	47	3.3	3.3	0	0	SSE	6	53	90	58	64	.60	350	8	3	0	0	8	16	6	24	0	0	5
JUN	103	87	70	54	5.5	4.5	0	0	SSE	6	43	92	64	71	.76	250	12	4	0	0	12	13	9	28	0	0	6
JUL	101	89	72	64	7.9	6.0	0	0	SSE	5	54	92	67	73	.82	200	14	5	0	0	14	13	15	31	0	0	6
AUG	102	89	72	61	6.1	7.8	0	0	SSE	5	56	93	67	73	.82	250	13	3	0	0	13	15	16	30	0	0	5
SEP	95	84	69	50	3.1	6.6	0	0	NE	5	53	93	69	70	.74	300	13	4	0	0	7	14	4	25	0	0	6
OCT	93	77	59	36	3.2	4.0	0	0	ENE	5	39	91	64	61	.54	350	7	2	0	0	1	16	#	12	0	0	4
NOV	83	69	49	25	1.8	5.2	0	0	ENE	5	52	89	62	52	.39	350	7	1	0	0	1	15	0	2	1	0	5
DEC	82	63	43	13	2.5	2.3	#	#	ENE	5	36	87	65	45	.30	350	7	2	#	0	1	15	0	1	6	0	5
ANN	103	76	57	13	52.6	7.3	1	1	SE	6	56	90	64	59	.50	350	115	34	#	0	66	178	50	170	18	0	5
EYR	17	17	17	17	17	17	17	17	18	18	17	18	18	18	18	18	17	17	17	17	19	19	17	17	17	17	17

REMARKS

Number Observed Within: Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Ann
 (from 1900-1970) 60 101 0/0 0/0 0/0 0/0 1/0 4/2 2/0 5/2 7/2 9/2 1/0 0/0 29/8
 A) Hurricanes/Tropical Storms 120 101 0/0 0/0 0/0 0/0 1/0 8/3 7/2 10/3 15/5 13/4 1/0 1/1 56/18
 B) Hurricanes Only 240 101 0/0 1/0 0/0 0/0 2/1 15/4 13/5 22/11 39/22 27/11 1/0 1/1 121/55
 C) Observed from: Early and Daily Obs: Feb 45-Mar 46, Jan 51-Dec 67.

NOTE: #DATA NOT AVAILABLE. ≤LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	22	23	15	12	11	9	7	8	15	17	19	22	15	
	03 - 05	23	28	21	16	15	13	8	10	19	21	23	24	18	
	06 - 08	27	31	28	20	20	18	13	15	25	25	26	26	23	
	09 - 11	25	27	23	22	24	29	27	27	39	25	19	23	26	
	12 - 14	22	24	19	19	21	31	32	35	40	26	18	22	26	
	15 - 17	18	19	15	14	13	21	23	21	29	20	14	18	19	
	18 - 20	18	17	12	11	11	14	13	11	19	16	13	19	15	
	21 - 23	18	16	13	11	9	10	9	8	14	13	16	21	13	
	ALL HOURS	22	23	18	15	16	18	16	17	25	20	18	22	19	18
	ALL HOURS	16	16	12	9	8	6	5	6	11	13	13	15	11	18
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	17	16	11	9	7	3	3	4	8	12	14	16	10	
	03 - 05	18	20	16	14	11	7	4	7	12	15	19	18	13	
	06 - 08	23	25	22	15	14	11	7	12	17	20	23	20	17	
	09 - 11	20	19	16	10	9	10	7	9	17	16	15	17	14	
	12 - 14	13	13	9	7	6	7	5	5	12	11	10	14	9	
	15 - 17	11	10	9	5	4	5	5	4	10	10	7	11	8	
	18 - 20	13	10	8	6	6	5	4	3	8	8	7	13	8	
	21 - 23	13	13	9	7	6	3	2	2	5	8	10	15	8	
	ALL HOURS	16	16	12	9	8	6	5	6	11	13	13	15	11	18
	ALL HOURS	12	12	9	6	4	3	2	3	6	8	10	12	7	18
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	13	13	9	7	4	1	1	3	5	8	10	14	7	
	03 - 05	14	16	14	11	8	4	2	4	7	11	15	15	10	
	06 - 08	19	19	18	12	10	6	5	8	12	14	19	17	13	
	09 - 11	16	14	11	5	4	3	2	4	8	10	11	12	8	
	12 - 14	9	9	6	3	2	3	2	2	4	6	7	9	5	
	15 - 17	7	8	6	3	2	3	2	2	4	6	4	8	5	
	18 - 20	9	8	5	4	3	2	2	2	4	5	6	10	5	
	21 - 23	11	11	6	5	3	1	1	2	3	5	7	12	6	
	ALL HOURS	12	12	9	6	4	3	2	3	6	8	10	12	7	18
	ALL HOURS	4	5	2	1	#	#	#	1	2	3	5	2		
CIG less than 200 feet and / or VSBY less than 1 mile	00 - 02	6	5	4	3	2	#	1	1	2	3	6	6	3	
	03 - 05	7	4	5	2	1	1	#	1	2	4	7	6	3	
	06 - 08	3	1	1	0	#	0	0	#	1	1	2	1		
	09 - 11	1	1	1	#	0	#	0	0	#	0	0	1	#	
	12 - 14	1	1	1	#	0	#	0	#	0	0	0	1	#	
	15 - 17	1	1	1	#	0	#	0	#	0	0	0	1	#	
	18 - 20	2	1	1	#	0	0	#	#	0	0	1	1	1	
	21 - 23	3	3	1	1	0	0	0	0	0	1	2	4	1	
	ALL HOURS	3	3	2	1	#	#	#	1	1	1	1	1	1	18
	ALL HOURS	3	3	2	1	#	#	#	1	1	1	1	1	1	18

A W S CLIMATIC BRIEF October 1987	Station Name: HUNTER AAF GA										Field Elev: 42 ft				
	Latitude/Longitude: N32 01 W081 09										Station MSC: 747804				
	Hourly Obs POR: Jun 77 to May 87										Call Sign: KSVN				
	Summary of Day POR: Jan 48 to Jun 73 LST - GMT -5 Nov 74 to May 87										Supersedes: Dec 1932				
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
XTRM MAX TEMP °F	85	84	91	93	100	104	106@	105	97	95	89	82	106	35	
MEAN MAX TEMP °F	59	62	69	76	83	88	90	89	85	77	69	62	76	35	
MEAN TEMP °F	49	52	59	66	73	79	82	81	77	68	59	52	67	35	
MEAN MIN TEMP °F	39	42	48	56	64	70	73	73	69	59	48	42	57	35	
XTRM MIN TEMP °F	8@	16	22	33	43	51	60	61@	42@	32	17	11	8@	35	
D/W TEMP > 95°F	0	0	0	0	1	3	4	4	1	#	0	0	13	35	
D/W TEMP > 90°F	0	0	#	1	4	11	16	15	4	1	0	0	52	35	
D/W TEMP < 40°F	17	11	6	1	0	0	0	0	0	1	6	14	56	35	
D/W TEMP < 32°F	9	5	1	0	0	0	0	0	0	#	2	6	23	35	
VPR PRESS "Hg	.20	.24	.30	.38	.52	.69	.79	.79	.69	.49	.38	.27	.45	10	
MEAN DEWPOINT °F	34	39	45	51	60	68	72	72	68	58	51	42	56	10	
99.95% WCPA Ft	500	500	600	500	350	250	200	200	300	300	350	400	400	10	
MEAN RH 07 LST %	74	77	77	76	78	82	83	87	87	83	82	77	80	10	
MEAN RH 13 LST %	53	54	51	47	52	55	58	61	61	56	57	55	55	10	
MAX 24HR PRECIP "	5.7@	3.2	3.2	4.1	3.5	4.2	4.7	6.0	8.8	4.1	3.5	3.9	8.8	35	
MAX PRECIP "	10.5	7.0	10.0	7.6	11.9	17.3	18.5	14.6	13.3	9.5	5.4	7.0	18.5	35	
MEAN PRECIP "	3.2	3.4	4.2	2.9	3.8	5.5	7.2	7.5	5.0	2.6	1.7	2.6	49.6	35	
MIN PRECIP "	.4	.6	.0	.4	.4	1.4	.6	.9	.2	.1	#	.1	.0	35	
D/W PRECIP > .01"	9	9	9	7	9	10	14	12	10	7	7	8	111	35	
D/W PRECIP > .5"	2	2	3	2	3	3	4	4	3	2	1	2	31	35	
MAX 24HR SNFL	#	4	#	#	0	0	0	0	0	0@	#	#	4	35	
MAX SNFL "	#	4	#	#	0	0	0	0	0	0	#	#	4	35	
MEAN SNFL "	#	#	#	#	0	0	0	0	0	0	#	#	#	35	
D/W SNFL > .1"	#	#	0	0	0	0	0	0	0	0	0	0	#	35	
D/W SNFL > 1:5"	0	#	0	0	0	0	0	0	0	0	0	0	#	35	
MEAN WND DRC TN	W	\$W	\$W	\$W	\$S	\$W	\$WSW	\$WSW	\$NNE	\$NNE	\$NNE	\$NNE	\$W	10	
MEAN WND SPD Kts	6	6	6	5	4	5	4	4	4	4	4	4	5	10	
MAX WND SPD** Kts	51	53@	48	50	51	51	50	51	64	48	45@	43	64	33	
MEAN CLD CVR 10th	6	6	6	5	6	6	7	6	6	5	5	6	6	10	
D/W TSTORMS	1	1	3	3	7	10	14	12	5	2	#	1	59	35	
D/W FOG VSBY <7mi	14	13	15	12	15	14	13	16	19	17	15	14	177	35	
Legend: ANN = Annual YOR = Years of record POR = Period of record D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude @ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** = Instantaneous peak winds \$ = Percentage of calm winds > mean direction * = Data not available															
REMARKS: Hurricanes/tropical storms observed (1900-1985):															
		MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL						
Within 60NM		0/0	0/2	1/2	3/3	0/3	1/2	0/0	5/12						
Within 120NM		0/3	1/6	2/5	4/10	2/10	4/12	0/0	13/46						
Within 240NM		1/4	3/13	6/9	13/26	10/28	9/21	1/1	43/102						

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A W S CLIMATIC BRIEF		Station Name: HUNTER AAF GA		Field Elev: 42 ft											
		Latitude/Longitude: N32 01 W081 09		Station MSC: 747804											
October 1987		Hourly Obs POR: Jun 77 to May 87		Call Sign: KSVH											
		Summary of Day POR: Jan 48 to Jun 73													
		LST - GMT -5		Supersedes: Dec 1982											
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	21	19	17	7	7	5	4	6	9	13	22	21	13	
	03-05	23	26	22	11	12	8	9	9	13	21	27	22	17	
	06-08	27	29	30	16	19	15	16	18	30	31	32	27	24	
	09-11	26	26	23	12	11	13	11	9	19	20	25	25	18	
LESS THAN	12-14	23	22	16	10	10	10	11	12	16	18	19	22	16	
3000/3	15-17	22	17	12	7	6	6	8	7	12	13	15	17	12	
	18-20	21	18	11	6	5	6	5	6	10	12	14	14	11	
	21-23	19	18	12	6	6	4	5	5	9	10	15	16	10	
	00-24	23	22	18	9	10	8	9	9	15	17	21	21	15	10
CIG/VSBY	00-02	14	13	14	5	5	2	2	3	6	9	17	16	9	
	03-05	16	19	18	7	10	6	6	7	11	17	24	15	13	
	06-08	21	24	24	12	15	12	13	16	27	26	28	21	20	
	09-11	20	21	17	6	5	3	5	6	13	14	20	19	12	
LESS THAN	12-14	17	13	9	4	3	2	2	3	5	9	10	15	8	
1500/3	15-17	13	12	7	3	3	2	2	3	4	6	7	11	6	
	18-20	14	12	7	3	3	2	3	3	6	7	8	8	6	
	21-23	13	12	9	4	3	1	3	2	5	6	10	12	7	
	00-24	16	16	13	6	6	4	5	5	10	12	16	15	10	10
CIG/VSBY	00-02	11	12	12	4	3	1	1	2	4	6	13	11	7	
	03-05	13	15	15	5	7	4	4	4	6	14	19	12	10	
	06-08	17	17	18	7	9	7	7	9	15	17	23	17	14	
	09-11	16	16	10	4	3	1	2	3	7	8	14	14	8	
LESS THAN	12-14	12	9	5	2	1	1	1	2	2	4	6	9	5	
1000/2	15-17	10	9	3	2	1	1	1	2	2	3	3	8	4	
	18-20	11	10	4	2	2	1	1	2	2	4	6	6	4	
	21-23	12	11	7	3	1	1	1	1	3	3	7	10	5	
	00-24	13	12	9	4	3	2	2	3	5	7	11	11	7	10
CIG/VSBY	00-02	1	3	2	1	#	0	#	#	#	1	3	3	1	
	03-05	4	3	4	2	2	#	#	1	1	3	6	3	2	
	06-08	4	4	4	2	2	1	1	#	1	3	6	4	3	
	09-11	2	1	#	0	0	0	0	0	0	#	1	1	#	
LESS THAN	12-14	1	0	0	0	0	0	0	0	0	0	0	#	#	
200/1/2	15-17	#	0	0	0	#	0	0	0	#	0	0	0	#	
	18-20	1	1	0	0	0	0	0	#	#	#	#	#	#	
	21-23	1	3	1	1	0	0	0	0	#	#	1	2	1	
	00-24	2	2	1	1	1	#	#	#	#	1	2	2	1	10

A W S CLIMATIC BRIEF	STATION NAME: BOISE AIR TERMINAL ID												FIELD ELEV: 2858 FT														
	LATITUDE/LONGITUDE: 43 34 N 116 13 W												STATION MNC: 726810														
	HOURLY OBS FOR: DEC 80 - NOV 90												CALL SIGN: KBOI														
	SUMMARY OF DAY FOR: JAN 48-NOV 90												SUPERSEDES: MAR 74														
MAY 91	HOURS SUMMARIZED: 0000 - 2300 LST												LST TO UTC: +07														
MONTH														JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTN MAX TEMP (F)														63	70	81	92	98	105	111	110	101	91	74	65	111	42
MEAN MAX TEMP (F)														36	44	52	62	71	80	90	88	77	65	49	38	63	42
MEAN TEMP (F)														29	36	42	49	58	66	74	73	63	52	40	31	51	42
MEAN MIN TEMP (F)														21	27	31	37	44	52	58	57	48	39	31	21	39	42
EXTN MIN TEMP (F)														-17	-15	6	19	22	31	35	37	23	11	-3	-23	-23	42
D/W TEMP GE 90 (F)														0	0	0	0	1	6	19	15	3	0	0	0	44	42
D/W TEMP GE 80 (F)														0	0	0	1	7	16	28	26	14	2	0	0	94	42
D/W TEMP LT 33 (F)														26	21	18	9	2	0	0	0	1	6	17	26	126	42
D/W TEMP LT 10 (F)														5	1	0	0	0	0	0	0	0	0	1	3	10	42
HEATING DEGREE DAYS														1130	845	713	453	264	71	6	16	120	389	755	1035	5797	43
COOLING DEGREE DAYS														0	0	0	0	0	3	23	10	0	0	0	0	36	43
MEAN DEWPOINT TEMP (F)														21	24	29	32	36	41	42	42	37	32	29	21	32	10
MEAN WET BULB TEMP (F)														25	30	37	42	47	53	57	56	49	42	35	25	42	10
99.95% WCPA (FT)														3450	3500	3500	3450	3350	3300	3250	3200	3300	3300	3500	3450	3450	10
MEAN REL HUM 07 LST(%)														81.2	77.7	74.6	67.3	64.5	57.4	49.8	50.5	59.7	67.0	78.1	81.1	67.3	10
MEAN REL HUM 13 LST(%)														68.2	58.8	49.3	38.8	36.2	30.4	26.7	26.3	33.3	38.6	57.8	67.0	44.2	10
MAX 24HR PRECIP (IN)														1.13	.92	1.60	1.27	1.77	1.91	.94	1.61	1.73	.68	.78	1.03	1.91	42
MAX PRECIP (IN)														3.87	3.70	3.46	3.04	4.07	2.94	1.62	2.37	2.93	2.25	3.36	4.23	10.77	42
MEAN PRECIP (IN)														1.46	1.15	1.25	1.20	1.22	.84	.31	.37	.67	.74	1.36	1.38	11.93	42
MIN PRECIP (IN)														.12	.19	.21	.09	.10	.01	0	0	.00	.00	.14	.09	8.64	42
D/W PRECIP GE .01 (IN)														12	10	10	8	8	6	3	3	4	6	10	11	91	42
D/W PRECIP GE .50 (IN)														1	1	1	1	1	1	0	1	1	0	1	1	10	42
MAX 24HR SNFL (IN)														7.0	7.0	6.3	7.2	4.0	0	0	0	0	1.2	4.7	6.7	7.2	42
MAX SNFL (IN)														21.4	25.2	11.9	8.0	4.0	0	0	0	0	2.7	18.6	26.2	48.5	42
MEAN SNFL (IN)														7.0	3.8	2.0	.8	.1	0	0	0	0	.1	2.2	6.2	22.3	42
D/W SNFL GE .1 (IN)														7	4	2	1	0	0	0	0	0	1	2	6	23	42
D/W SNFL GE 1.5 (IN)														1	1	1	0	0	0	0	0	0	0	1	1	5	42
MAX DLY SNO DEPTH (IN)														12	9	6	1	0	0	0	0	0	0	11	13	13	42
PRVLOG WND DIR (DEG)														11-13	11-13	12-13	11-13	29-31	29-31	29-31	11-13	11-13	11-13	11-13	11-13	11-13	10
MEAN WND SPD (KTS)														6	7	8	8	8	8	7	7	7	7	7	6	7	10
MAX WND SPD (KTS)														51	56	50	51	48	55	62	52	39	41	48	49	62	22
SKY COVER GT 5/10 (%)														74.3	65.9	64.5	58.1	55.3	44.9	31.9	27.8	32.0	45.6	67.3	68.0	53.0	10
D/W THUNDERSTORM														0	1	1	1	3	3	2	3	1	1	1	0	17	42
D/W FOG (VEST LT 7 MI)														14	7	3	2	1	1	0	1	1	2	7	13	52	42
LEGEND: ANN - ANNUAL														POR/YOR - PERIOD/YEARS OF RECORD													
D/W - MEAN NUMBER OF DAYS WITH														WCPA - WORST CASE MAXIMUM PRESSURE ALTITUDE													
0 - BASED ON LESS THAN FULL MONTHS														0 - LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE													
** - INSTANTANEOUS PEAK WINDS														\$ - PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION													
* - DATA NOT AVAILABLE																											

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	00 - 02	32.0	19.7	9.8	2.7	3.0	.9	.0	.0	.7	1.6	11.8	28.7	8.9	10
	03 - 05	31.5	18.2	7.1	3.2	3.8	.4	.0	.3	1.5	2.3	12.7	28.0	9.1	10
	06 - 08	31.0	19.2	9.3	3.3	5.1	.5	.1	.4	2.6	3.6	14.4	32.2	10.1	10
	09 - 11	32.1	18.5	9.1	3.5	5.1	.6	.1	.3	2.4	3.6	11.6	32.6	10.0	10
	12 - 14	28.0	12.5	8.8	2.7	3.0	.2	.2	.1	2.3	1.9	9.6	28.1	8.1	10
	15 - 17	25.2	10.1	6.4	1.8	1.5	.1	.2	.1	1.4	1.1	8.7	27.8	7.0	10
	18 - 20	25.5	10.4	4.1	1.0	.7	.2	.0	.1	1.2	.7	8.5	26.9	6.6	10
	21 - 23	28.9	13.2	4.1	1.3	1.6	.2	.2	.0	.2	.5	8.9	29.0	7.3	10
	ALL	29.3	14.7	6.8	2.5	3.0	.3	.1	.2	1.5	1.9	10.7	29.1	6.3	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	26.9	12.0	2.1	1.6	1.4	.1	.0	.0	.1	.8	6.3	23.3	6.2	10
	03 - 05	25.4	14.2	3.8	1.7	2.2	.4	.0	.2	.9	1.7	6.8	22.9	6.7	10
	06 - 08	23.3	14.7	5.0	1.7	2.5	.3	.1	.3	1.2	2.0	8.4	26.7	7.2	10
	09 - 11	25.5	14.0	4.8	1.5	1.1	.3	.0	.2	1.2	1.6	8.4	29.1	7.3	10
	12 - 14	21.2	8.4	4.3	1.0	.7	.0	.1	.0	1.0	.8	7.0	24.7	5.8	10
	15 - 17	18.8	5.8	2.9	.8	.3	.0	.1	.1	.9	.5	4.0	24.5	4.9	10
	18 - 20	20.1	6.1	2.1	.3	.1	.2	.0	.1	1.0	.6	4.2	23.6	4.9	10
	21 - 23	23.6	8.6	2.2	.7	.5	.2	.1	.0	.2	.4	5.3	25.6	5.6	10
	ALL	23.1	10.5	3.4	1.2	1.1	.2	.1	.1	.8	1.1	6.3	25.0	6.1	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	20.4	9.1	1.5	1.4	.9	.0	.0	.0	.0	.8	5.5	21.4	5.1	10
	03 - 05	19.9	10.9	2.4	1.5	1.3	.3	.0	.1	.8	1.4	6.1	20.7	5.4	10
	06 - 08	18.2	11.8	3.9	1.5	1.4	.1	.0	.2	.8	1.8	7.2	23.0	5.8	10
	09 - 11	19.4	10.5	3.5	.8	.4	.0	.0	.1	.6	1.4	7.2	24.3	5.7	10
	12 - 14	14.0	4.0	1.9	.3	.2	.0	.1	.0	.0	.7	5.0	19.2	3.8	10
	15 - 17	10.6	3.5	1.1	.5	.0	.0	.1	.0	.0	.3	1.8	18.6	3.0	10
	18 - 20	11.4	3.9	1.1	.1	.0	.0	.0	.0	.0	.4	2.5	18.7	3.2	10
	21 - 23	16.5	6.5	1.3	.3	.2	.2	.1	.0	.0	.2	4.5	21.4	4.3	10
	ALL	16.3	7.5	2.1	.8	.6	.1	.0	.1	.3	.9	5.0	20.9	4.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	7.4	1.7	.6	.3	.2	.0	.0	.0	.0	.0	1.4	6.6	1.5	10
	03 - 05	8.2	3.6	.4	.1	.1	.0	.0	.1	.0	.1	1.6	7.5	1.8	10
	06 - 08	6.6	4.4	.8	.5	.0	.1	.0	.2	.0	.8	2.4	7.3	1.9	10
	09 - 11	4.6	2.7	.1	.0	.0	.0	.0	.0	.0	.3	1.0	5.9	1.2	10
	12 - 14	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	.4	10
	15 - 17	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.4	.3	10
	18 - 20	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	3.5	.5	10
	21 - 23	5.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.6	1.0	10
	ALL	4.5	1.7	.3	.1	.0	.0	.0	.0	.0	.2	1.0	5.2	1.1	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : 0															

PREPARED BY: USAFETAC JUN 1987	STATION NAME: MOUNTAIN HOME AFB ID LOCATION: N43 07 W115 52	PERIOD: JUL 83-SEP 86 B ELEV: 2996 FT	STN LTRS: RMUO REC NO: 726015
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AWS CLIMATIC BRIEF

AWS CLIMATIC BRIEF															MEAN		RELATIVE HUMIDITY (%)	WIND VELOCITY (MPH)	WIND DIRECTION (°)	SURFACE WINDS (MPH)	MEAN NUMBER OF DAYS OCCURRENCE OF											
M O N T H	TEMPERATURE (° F)						PRECIPITATION (IN)						SNOWFALL (IN)								PRECIP (IN)	SPEED (MPH)	WIND DIRECTION (°)	WIND VELOCITY (MPH)	WIND DIRECTION (°)	TEMPERATURE (° F)						
	MEAN			EXTREME			MONTHLY			MONTHLY			MONTHLY			MAX																
	MAX	MIN	THLY	MAX	MIN	THLY	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN										MAX	MIN	MEAN	MAX	MIN	MEAN	MAX
JAN	36	22	28	64	-22	1.0	2.9	-1	7	6	19	9	7	19	71	11	20	3600	ESE	6	49	8	10	1	5	1	0	11	0	0	4	7
FEB	34	27	35	68	-18	1.7	3.1	-1	5	2	14	8	7	19	73	14	25	3600	ESE	7	46	8	10	2	8	1	0	0	0	22	2	
MAR	52	30	41	78	-1	5.8	2.8	8	9	1	9	5	7	50	18	29	3650	ESE	7	62	7	8	2	8	1	0	0	0	20	1		
APR	61	36	49	92	17	7	2.5	-1	1	0	8	4	3	66	40	17	30	3500	NW	7	59	6	6	8	1	1	0	8	9	0		
MAY	71	44	58	98	24	8	2.2	-1	9	8	8	8	6	62	36	20	35	3450	NW	7	50	6	6	8	0	2	1	8	2	2	0	
JUN	80	52	66	105	30	9	2.4	8	1	8	8	8	6	56	28	23	35	3500	NW	6	49	5	6	8	0	2	1	8	3	6	0	
JUL	92	59	76	109	36	13	1.7	8	1	0	68	9	24	42	24	19	3500	NW	5	51	4	2	8	0	3	0	12	20	8	0		
AUG	99	58	78	111	37	15	3.3	8	1	0	7	8	2	48	23	25	40	3100	NNW	5	61	4	2	8	0	0	0	3	18	0	0	
SEP	88	78	88	108	28	13	1.8	-0	7	8	7	8	6	57	32	31	3600	NW	6	67	5	6	8	0	0	2	1	1	5	1		
OCT	65	38	52	92	15	5	1.6	-0	7	8	2	1	62	37	30	3400	E	5	51	5	8	8	0	1	1	0	8	9	0	0		
NOV	49	30	39	73	-5	1.0	2.1	-1	8	2	19	7	7	75	55	14	25	3550	ESE	6	49	7	8	8	2	8	5	0	0	0	0	
DEC	38	23	31	64	-22	1.9	3.2	8	9	19	6	19	6	71	64	11	20	3550	ESE	6	49	7	9	8	4	1	8	10	0	5	1	
JAN	63	39	51	111	-22	8.9	3.3	-0	1	4	13	19	9	65	49	17	31	3550	NW	6	69	6	7	8	14	2	13	38	25	51	18	
FEB	69	38	53	118	-28	8.8	3.8	38	38	38	38	38	10	10	10	10	10	10	36	10	36	10	38	38	38						18	

REMARKS: RUSSMO POR:
HOURLY OBS: OCT 76-SEP 86
SUMMARY OF DAY DATA: JUL 43-OCT 45, MAY 49-NOV 49, APR 51-SEP 86
HOURS SUMMARIZED: 0000-2300 LST LST - GMT + 7

NOTE * DATA NOT AVAILABLE		# AMTS		UNITS SHOWN IN HEADERS		** INSTANT AIRBORNE PLANK UNITS		S % CALM GUSTS S PLUS DOTS				S BASED ON < FULL MONTH					
CAV FREQ (%)		MRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Ann	*
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	25	10	4	2	1	2	1	0	0	0	1	1	8	16	8	
	03-05	27	16	3	2	2	1	0	0	0	0	3	1	8	20	7	
	06-08	26	18	5	3	2	1	0	0	0	0	3	2	11	21	8	
	09-11	24	16	4	3	2	1	0	0	0	0	2	1	10	17	7	
	12-14	19	12	5	3	2	1	0	0	0	1	2	8	14	6		
	15-17	15	6	4	2	1	0	0	0	0	1	7	13	4			
	18-20	19	7	2	1	1	0	0	0	0	0	0	6	14	4		
	21-23	23	9	3	0	1	0	0	0	0	0	0	7	14	5		
	ALL MRS	23	12	4	2	2	1	0	0	0	0	1	1	8	16	8	10
	CEILING LESS THAN 1900 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	8	2	1	1	0	0	0	0	0	0	6	13	6	
03-05		22	14	2	1	1	1	0	0	0	0	2	1	6	16	5	
06-08		23	14	3	2	1	1	0	0	0	0	2	1	7	17	6	
09-11		22	13	3	1	1	1	0	0	0	2	1	8	14	5		
12-14		14	8	2	1	1	0	0	0	0	1	0	6	12	4		
15-17		12	4	1	0	0	0	0	0	0	0	0	5	11	3		
18-20		15	5	1	1	0	0	0	0	0	0	0	0	5	11	3	
21-23		18	7	1	0	0	0	0	0	0	0	0	0	5	11	4	
ALL MRS		18	9	2	1	1	1	0	0	0	0	1	0	5	13	4	
CEILING LESS THAN 1900 FT AND/OR VISIBILITY LESS THAN 2 MI		00-02	14	7	1	1	0	0	0	0	0	0	0	0	4	13	1
	03-05	17	10	1	1	1	0	0	0	0	0	1	0	4	13	4	
	06-08	18	13	2	1	1	0	0	0	0	1	0	6	14	5		
	09-11	15	10	2	1	0	0	0	0	0	0	0	6	12	4		
	12-14	10	5	1	0	0	0	0	0	0	0	0	4	7	2		
	15-17	7	2	1	0	0	0	0	0	0	0	0	3	8	2		
	18-20	10	3	1	0	0	0	0	0	0	0	0	3	8	2		
	21-23	12	5	1	0	0	0	0	0	0	0	0	4	9	3		
	ALL MRS	13	7	1	1	0	0	0	0	0	0	0	0	4	10	3	10
	CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	5	2	0	0	0	0	0	0	0	0	0	0	2	3	1
03-05		7	3	0	0	0	0	0	0	0	0	0	0	4	1		
06-08		8	4	0	0	0	0	0	0	0	0	0	0	2	4	2	
09-11		4	3	0	0	0	0	0	0	0	0	0	0	1	4	1	
12-14		1	0	0	0	0	0	0	0	0	0	0	0	2	0		
15-17		1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
18-20		2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	
21-23		3	1	0	0	0	0	0	0	0	0	0	0	1	3	1	
ALL MRS		4	2	0	0	0	0	0	0	0	0	0	0	1	3	3	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: O'HARE ARFF, IL
 LOCATION: 4159N 8754W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 725300
 ELEVATION (FEET): 673
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: ORD
 LST = GMT-6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	65	71	87	91	93	103	102	103	99	91	78	71 103
MEAN DAILY MAX	1	30	34	47	59	70	80	85	82	74	62	49	34 59
MEAN	1	22	26	38	49	59	69	74	72	65	52	41	27 50
MEAN DAILY MIN	1	15	19	30	39	49	59	65	63	55	43	33	20 41
EXTREME MIN	1	-26	-17	-8	7	24	36	40	41	28	16	-10	-25 -26
# DAYS GE 90	1	0	0	0	#	1	3	8	4	1	#	0	0 18
# DAYS LE 32	1	28	24	18	6	1	0	0	0	#	4	14	26 120
# DAYS LE 0	1	6	3	#	0	0	0	0	0	0	0	#	2 11
2. PRECIPITATION (INCHES)													
MAXIMUM	2	4.3	2.7	5.9	7.7	7.1	7.9	9.0	8.5	11.4	9.6	7.0	8.6 *
MEAN	2	1.7	1.3	2.7	3.7	3.2	4.1	3.8	3.3	3.2	2.3	2.3	2.5 34.1
MINIMUM	2	0.1	0.1	0.6	1.0	0.4	1.4	1.1	0.4	#	0.1	0.7	0.2 *
MAX 24 HR	2	2.0	1.5	1.6	2.4	3.5	3.5	6.6	3.5	2.9	4.3	2.5	4.5 6.6
# DAYS W/PRECIP	1	18	16	17	16	15	13	12	13	12	12	13	16 173
# DAYS GE 0.5	2	1	1	2	2	2	3	2	2	2	1	1	1 20
3. SNOWFALL (INCHES)													
MEAN	2	10	7	7	2	#	0	0	0	#	#	2	10 38
MAXIMUM	2	34	22	25	11	2	0	0	0	#	7	11	43 *
MAX 24 HR	2	15	10	9	11	2	0	0	0	#	4	5	10 15
# DAYS W/SNOW	1	15	12	9	4	#	0	0	0	0	1	6	14 61
# DAYS GE 1.5	2	2	2	1	#	#	0	0	0	0	#	1	2 8
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	76	78	78	77	79	80	83	85	84	80	79	79 80
RH (15 LST)	1	64	63	58	52	50	51	51	54	53	52	60	66 56
VAPOR PRESS	1	.10	.12	.17	.23	.34	.47	.59	.58	.44	.28	.20	.13 .30
DEWPOINT	1	15	18	28	36	46	56	62	62	54	41	32	20 39
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	1	W	W	S	S	S	S	S	S	S	S	W	S
MEAN SPEED													
(PVLG DRCN)	1	11	10	11	11	10	9	8	8	8	9	10	10 10
MEAN SPEED													
(ALL OBS)	1	10	10	11	10	9	8	7	7	8	9	10	10 9
MAX PEAK GUST	1	48	45	45	60	48	55	66	56	40	40	44	56 66
PRESSURE ALT	2	1400	1400	1400	1400	1150	1150	950	950	1050	1200	1300	1400 1400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)													
CLD COVER	1	5	5	5	4	4	4	3	4	3	4	5	5 4
DAYS TSTMS	1	1	#	3	4	5	7	7	7	4	2	2	1 41
DAYS FOG LT 7	1	11	11	13	9	10	8	8	11	11	11	12	13 125
DAYS ENBD LT 7	1	#	0	0	#	#	#	#	0	0	0	0	0 1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(O'HARE ARFF, IL)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, OCT 84, PERIOD OF RECORD RANGING FROM 10-37 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	35	32	22	16	11	8	13	14	17	32	41	23
03-05 LST	35	38	34	23	18	13	13	18	17	20	34	41	25
06-08 LST	38	39	37	27	23	18	19	26	26	25	37	43	30
09-11 LST	36	38	39	29	24	16	18	21	25	26	39	43	29
12-14 LST	36	36	37	29	19	13	14	16	18	22	38	42	27
15-17 LST	38	36	33	24	15	9	10	13	14	18	36	40	24
18-20 LST	37	32	30	22	14	8	8	12	11	16	31	40	22
21-23 LST	37	34	31	21	13	8	6	10	12	17	31	41	22
ALL HOURS	37	36	34	24	18	12	12	16	17	20	35	41	25

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	20	21	14	11	7	6	8	10	12	18	26	15
03-05 LST	24	24	22	16	14	11	10	14	11	14	22	28	17
06-08 LST	24	28	25	20	18	13	16	22	20	18	25	30	22
09-11 LST	25	29	25	17	14	9	11	13	13	15	25	30	19
12-14 LST	23	23	19	14	10	6	5	7	7	11	22	27	15
15-17 LST	23	21	17	11	9	4	5	7	8	11	19	25	13
18-20 LST	24	20	18	13	10	5	5	8	7	10	17	23	13
21-23 LST	25	19	18	14	10	5	4	7	7	10	16	24	13
ALL HOURS	24	23	21	15	12	7	8	11	10	13	21	27	16

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	13	10	7	4	3	5	6	7	12	16	9
03-05 LST	15	16	14	11	9	7	5	8	8	9	13	19	11
06-08 LST	15	20	16	14	11	8	9	13	12	12	16	21	14
09-11 LST	17	18	15	11	9	4	4	5	6	9	16	22	11
12-14 LST	14	15	13	8	6	3	2	3	3	7	12	19	9
15-17 LST	14	14	13	7	6	2	2	3	5	6	11	15	8
18-20 LST	15	13	13	8	7	3	2	4	4	6	10	14	8
21-23 LST	17	12	12	9	7	3	2	4	4	6	11	16	9
ALL HOURS	15	15	14	10	8	4	4	5	6	8	12	18	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	3	2	2	1	#	#	1	#	2	2	1
03-05 LST	2	3	3	2	2	1	1	1	1	1	2	3	2
06-08 LST	2	4	3	2	2	1	#	1	1	2	2	3	2
09-11 LST	2	3	2	1	#	#	#	#	#	#	1	3	1
12-14 LST	2	2	1	1	#	#	#	0	0	0	1	3	1
15-17 LST	2	2	1	1	#	0	#	0	#	#	1	2	1
18-20 LST	2	2	2	1	1	#	0	#	#	#	#	2	1
21-23 LST	2	2	2	1	2	#	0	0	#	#	1	1	1
ALL HOURS	2	2	2	1	1	#	#	#	1	1	1	2	1

(O'HARE ARFF, IL)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRTCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MO/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS
2. AWS CLIMATIC BRIEF, OCT 84, PERIOD OF RECORD RANGING FROM 10-37 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	35	32	22	16	11	8	13	14	17	32	41	23
03-05 LST	35	38	34	23	18	13	13	18	17	20	34	41	25
06-08 LST	38	39	37	27	23	18	19	26	26	25	37	43	30
09-11 LST	36	38	39	29	24	16	18	21	25	26	39	43	29
12-14 LST	36	36	37	29	19	13	14	16	18	22	38	42	27
15-17 LST	38	36	33	24	15	9	10	13	14	18	36	40	24
18-20 LST	37	32	30	22	14	8	8	12	11	16	31	40	22
21-23 LST	37	34	31	21	13	8	6	10	12	17	31	41	22
ALL HOURS	37	36	34	24	18	12	12	16	17	20	35	41	25

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	20	21	14	11	7	6	8	10	12	18	26	15
03-05 LST	24	24	22	16	14	11	10	14	11	14	22	28	17
06-08 LST	24	28	25	20	18	13	16	22	20	18	25	30	2
09-11 LST	25	29	25	17	14	9	11	13	13	15	25	30	19
12-14 LST	23	23	19	14	10	6	5	7	7	11	22	27	15
15-17 LST	23	21	17	11	9	4	5	7	8	11	19	25	13
18-20 LST	24	20	18	13	10	5	5	8	7	10	17	23	13
21-23 LST	25	19	18	14	10	5	4	7	7	10	16	24	13
ALL HOURS	24	23	21	15	12	7	8	11	10	13	21	27	16

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	13	10	7	4	3	5	6	7	12	16	9
03-05 LST	15	16	14	11	9	7	5	8	8	9	13	19	11
06-08 LST	15	20	16	14	11	8	9	13	12	12	16	21	14
09-11 LST	17	18	15	11	9	4	4	5	6	9	16	22	11
12-14 LST	14	15	13	8	6	3	2	3	3	7	12	19	9
15-17 LST	14	14	13	7	6	2	2	3	5	6	11	15	8
18-20 LST	15	13	13	8	7	3	2	4	4	6	10	14	8
21-23 LST	17	12	12	9	7	3	2	4	4	6	11	16	9
ALL HOURS	15	15	14	10	8	4	4	5	6	8	12	18	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	3	2	2	1	#	#	1	#	2	2	1
03-05 LST	2	3	3	2	2	1	1	1	1	1	2	3	2
06-08 LST	2	4	3	2	2	1	#	1	1	2	2	3	2
09-11 LST	2	3	2	1	#	#	#	#	#	#	1	3	1
12-14 LST	2	2	1	1	#	#	#	0	0	0	1	3	1
15-17 LST	2	2	1	1	#	0	#	0	#	#	1	2	1
18-20 LST	2	2	2	1	1	#	0	#	#	#	#	2	1
21-23 LST	2	2	2	1	2	#	0	0	#	#	1	1	1
ALL HOURS	2	2	2	1	1	#	#	#	1	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: O'HARE ARFF, IL
 LOCATION: 4159N 8754W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 725300
 ELEVATION (FEET): 673
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: ORD
 LST = GMT-6

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	65	71	87	91	93	103	102	103	99	91	78	71	103
MEAN DAILY MAX	1	30	34	47	59	70	80	85	82	74	62	49	34	59
MEAN	1	22	26	38	49	59	69	74	72	65	52	41	27	50
MEAN DAILY MIN	1	15	19	30	39	49	59	65	63	55	43	33	20	41
EXTREME MIN	1	-26	-17	-8	7	24	36	40	41	28	16	-10	-25	-26
# DAYS GE 90	1	0	0	0	#	1	3	8	4	1	#	0	0	18
# DAYS LE 32	1	28	24	18	6	1	0	0	0	#	4	14	26	120
# DAYS LE 0	1	6	3	#	0	0	0	0	0	0	0	#	2	11
2. PRECIPITATION (INCHES)														
MAXIMUM	2	4.3	2.7	5.9	7.7	7.1	7.9	9.0	8.5	11.4	9.6	7.0	8.6	*
MEAN	2	1.7	1.3	2.7	3.7	3.2	4.1	3.8	3.3	3.2	2.3	2.3	2.5	34.1
MINIMUM	2	0.1	0.1	0.6	1.0	0.4	1.4	1.1	0.4	#	0.1	0.7	0.2	*
MAX 24 HR	2	2.0	1.5	1.6	2.4	3.5	3.5	6.6	3.5	2.9	4.3	2.5	4.5	6.6
# DAYS W/PRECIP	1	18	16	17	16	15	13	12	13	12	12	13	16	173
# DAYS GE 0.5	2	1	1	2	2	2	3	2	2	2	1	1	1	20
3. SNOWFALL (INCHES)														
MEAN	2	10	7	7	2	#	0	0	0	#	#	2	10	38
MAXIMUM	2	34	22	25	11	2	0	0	0	#	7	11	43	*
MAX 24 HR	2	15	10	9	11	2	0	0	0	#	4	5	10	15
# DAYS W/SNOW	1	15	12	9	4	#	0	0	0	0	1	6	14	61
# DAYS GE 1.5	2	2	2	1	#	#	0	0	0	0	#	1	2	8
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	76	78	78	77	79	80	83	85	84	80	79	79	80
RH (15 LST)	1	64	63	58	52	50	51	51	54	53	52	60	66	56
VAPOR PRESS	1	.10	.12	.17	.23	.34	.47	.59	.58	.44	.28	.20	.13	.30
DEWPOINT	1	15	18	28	36	46	56	62	62	54	41	32	20	39
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	W	W	S	S	S	S	S	S	S	S	S	W	S
MEAN SPEED														
(PVLG DRCIN)	1	11	10	11	11	10	9	8	8	8	9	10	10	10
MEAN SPEED														
(ALL OBS)	1	10	10	11	10	9	8	7	7	8	9	10	10	9
MAX PEAK GUST	1	48	45	45	60	48	55	66	56	40	40	44	56	66
PRESSURE ALT	2	1400	1400	1400	1400	1150	1150	950	950	1050	1200	1300	1400	1400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	4	4	4	3	4	3	4	5	5	4
DAYS TSIMS	1	1	#	3	4	5	7	7	7	4	2	2	1	41
DAYS FOG LT 7	1	11	11	13	9	10	8	8	11	11	11	12	13	125
DAYS BNBD LT 7	1	#	0	0	#	#	#	#	0	0	0	0	0	1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

[illegible]

A W S CLIMATIC BRIEF JUN 90	STATION NAME: SCOTT AFB IL LATITUDE/LONGITUDE: 38 33 N 089 51 W HOURLY OBS POR: DEC 79 - NOV 89 SUMMARY OF DAY POR: JAN 38 - NOV 89 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +06											FIELD ELEV: 453 FT STATION MSC: 724338 CALL SIGN: KBLV SUPERSEDES: FEB 86		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	EXTRM MAX TEMP (F)	75	81	87	93	97	104	110	104	103	95	84	75	110
	MEAN MAX TEMP (F)	38	43	54	66	76	85	89	87	80	69	54	42	65
	MEAN TEMP (F)	30	35	44	56	65	75	78	77	69	58	45	35	56
	MEAN MIN TEMP (F)	22	26	35	46	55	64	68	66	58	47	36	27	46
	EXTRM MIN TEMP (F)	-19	-11	-3	22	29	44	48	44	27	24	4	-7	-19
	D/W TEMP GE 90 (F)	0	0	0	#	1	8	14	11	4	1	0	0	39
	D/W TEMP GE 80 (F)	0	#	1	4	11	23	29	27	16	6	1	0	118
	D/W TEMP LT 33 (F)	26	21	14	2	#	0	0	0	#	1	12	22	98
	D/W TEMP LT 10 (F)	5	2	1	0	0	0	0	0	0	0	#	2	10
	HEATING DEGREE DAYS	1065	851	645	287	88	5	#	1	44	236	586	919	4727
	COOLING DEGREE DAYS	#	#	3	29	109	307	424	368	176	36	2	#	1454
	MEAN DEWPOINT TEMP (F)	21	24	33	42	53	62	68	65	57	45	36	26	44
	MEAN WET BULB TEMP (F)	28	30	40	49	59	67	71	69	62	51	42	32	50
	99.95% WCPA (FT)	1000	1050	1100	1050	850	750	650	700	750	800	1050	1050	950
	MEAN REL HUM 07 LST(%)	71.7	74.6	74.0	69.5	73.0	75.0	78.3	79.9	79.6	77.9	75.6	74.1	75.3
	MEAN REL HUM 13 LST(%)	57.4	59.4	55.7	49.4	51.6	52.5	54.8	53.7	51.9	52.5	58.6	61.4	54.9
	MAX 24HR PRECIP (IN)	3.58	3.46	2.49	2.94	3.47	8.15	5.49	9.22	3.62	3.97	6.67	3.22	9.22
	MAX PRECIP (IN)	8.88	8.00	9.96	9.43	9.86	17.16	11.56	21.05	9.46	8.07	10.01	9.05	57.65
	MEAN PRECIP (IN)	2.12	2.39	3.55	3.77	3.86	4.17	3.81	3.75	3.30	2.88	3.28	2.99	40.27
	MIN PRECIP (IN)	.12	.31	#	1.06	1.43	.88	.40	.07	.10	.11	.34	.09	20.55
	D/W PRECIP GE .01 (IN)	8	8	11	11	10	9	8	7	7	8	9	9	105
	D/W PRECIP GT .50 (IN)	1	2	3	3	3	3	2	2	2	2	2	2	27
	MAX 24HR SNFL (IN)	12.0	12.1	7.3	9.5	0	0	0	0	0	.2	10.3	13.6	13.6
	MAX SNFL (IN)	23.2	14.0	20.4	17.3	0	0	0	0	0	.2	12.7	23.1	34.3
	MEAN SNFL (IN)	5.4	3.9	3.4	.6	0	0	0	0	0	0	1.4	3.1	18.2
	D/W SNFL GE .1 (IN)	4	3	2	1	0	0	0	0	0	#	1	2	13
	D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5
	MAX DLY SNO DEPTH (IN)	16	18	16	11	0	0	0	0	0	0	20	13	20
	PRVLNG WND DIR (DEG)	\$29-31	\$32-34	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	17-19	\$17-19
	MEAN WND SPD (KTS)	6	6	7	6	5	4	3	3	4	4	6	6	5
	MAX WND SPD (KTS)	55	68	66	65	75	62	61	52	49	54	56	51	75
	SKY COVER GT 5/10 (%)	58.7	61.5	60.8	53.5	52.4	50.1	40.8	38.8	42.5	50.7	57.5	61.6	52.3
	D/W THUNDERSTORMS	1	1	3	6	7	8	8	7	4	3	2	1	51
	D/W FOG (VSBY LT 7 MI)	13	13	14	11	14	12	16	18	16	14	13	14	168
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	26.0	31.3	21.7	13.6	11.2	6.7	4.9	4.8	8.0	17.3	28.4	31.7	17.1	10
	03 - 05	28.7	35.6	24.0	17.0	16.3	14.0	12.8	14.0	11.2	20.9	30.2	31.7	21.4	10
	06 - 08	31.7	39.2	29.0	19.7	19.7	15.3	17.5	21.3	16.7	24.6	31.9	33.7	25.0	10
	09 - 11	30.9	36.9	28.4	21.1	16.5	9.0	9.4	10.8	12.0	22.7	30.2	34.0	21.8	10
	12 - 14	31.0	30.6	30.2	18.6	13.0	6.6	6.1	5.7	10.8	19.4	28.0	30.8	19.2	10
	15 - 17	27.4	28.6	25.5	14.1	10.6	4.6	4.0	4.1	7.0	16.5	27.1	29.7	16.6	10
	18 - 20	24.7	27.4	22.4	12.4	9.0	4.4	2.2	4.2	5.3	15.7	27.1	30.9	15.5	10
	21 - 23	25.6	27.0	21.1	12.3	9.0	4.0	2.5	3.7	5.2	15.4	27.4	32.3	15.5	10
	ALL	28.3	32.1	25.3	16.1	13.2	8.1	7.4	8.6	9.5	19.0	28.8	31.8	19.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.4	18.7	13.5	8.3	6.9	5.2	3.5	4.4	5.2	11.8	16.7	19.9	10.8	10
	03 - 05	4.6	24.4	15.2	9.4	11.7	11.2	11.0	12.6	8.8	14.8	17.9	0.9	14.4	10
	06 - 08	17.7	28.4	18.9	10.8	14.8	12.6	16.2	19.6	14.3	20.0	22.0	22.0	18.1	10
	09 - 11	15.9	25.8	17.2	8.2	7.2	4.4	4.5	7.3	6.4	17.6	19.8	21.3	13.0	10
	12 - 14	15.8	17.8	14.7	6.3	3.9	2.7	1.2	2.3	4.2	11.7	17.9	19.9	9.9	10
	15 - 17	15.5	14.0	12.4	4.1	4.3	2.3	1.3	1.5	2.9	7.1	15.1	18.4	8.2	10
	18 - 20	12.9	14.1	11.8	6.0	5.1	2.2	1.3	2.9	2.0	7.2	15.2	18.5	8.3	10
	21 - 23	15.1	14.3	12.0	6.1	5.7	2.2	1.2	3.1	2.6	9.8	14.4	19.9	8.9	10
	ALL	15.4	19.7	14.5	7.4	7.4	5.4	5.0	6.7	5.8	12.5	17.4	20.1	11.4	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.3	12.8	8.4	4.3	4.4	2.0	1.7	2.5	2.7	7.2	12.4	14.5	6.9	10
	03 - 05	10.8	18.3	11.3	5.6	7.6	6.0	5.4	6.9	5.1	10.1	13.4	14.3	9.6	10
	06 - 08	12.4	21.1	13.3	6.6	7.7	5.2	7.3	9.5	7.4	13.7	15.3	15.1	11.2	10
	09 - 11	10.8	18.6	12.3	5.4	3.1	2.1	1.7	2.9	2.3	11.7	13.3	14.6	8.2	10
	12 - 14	9.8	11.5	8.2	3.8	1.7	1.6	.4	.2	2.2	6.9	10.7	13.0	5.8	10
	15 - 17	10.6	10.2	8.9	1.8	2.2	.9	.8	.3	1.2	3.8	9.6	12.2	5.2	10
	18 - 20	9.9	11.0	7.5	3.1	2.5	1.1	.5	1.7	1.1	4.3	9.8	13.5	5.5	10
	21 - 23	9.6	10.7	7.4	3.1	2.4	.9	.2	1.4	1.6	5.8	11.3	13.9	5.7	10
	ALL	10.5	14.3	9.7	4.2	4.0	2.5	2.3	3.2	3.0	7.9	12.0	13.9	7.2	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.3	3.7	.6	.9	.8	.1	.4	.2	.1	1.3	1.8	1.2	1.0	10
	03 - 05	1.7	3.5	1.1	1.0	1.5	1.1	.6	.8	.8	1.9	1.8	1.9	1.5	10
	06 - 08	2.5	5.4	1.4	1.0	.6	.9	.4	1.1	1.2	2.6	2.0	1.9	1.7	10
	09 - 11	1.1	4.0	.5	.0	.0	.0	.0	.0	.0	.2	.8	1.7	.7	10
	12 - 14	1.2	1.8	.3	.1	.0	.1	.0	.0	.0	.0	.3	.4	.3	10
	15 - 17	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.4	.3	10
	18 - 20	.4	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.6	.6	.3	10
	21 - 23	.5	3.7	.1	.3	.2	.0	.0	.0	.1	.6	1.1	.9	.6	10
	ALL	1.2	3.2	.5	.4	.4	.3	.2	.3	.3	.8	1.1	1.1	.8	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : NONE															
REMARKS : NONE															

A W S CLIMATIC BRIEF October 1987	Station Name: FORT WAYNE MAP/BAER FLD IN										Field Elev: 815 ft			
	Latitude/Longitude: N40 59 W085 11										Station MSC: 725330			
	Hourly Obs POR: Jun 77 to May 87										Call Sign: KFWA			
	Summary of Day POR: Jan 48 to May 87										Supersedes: Mar 1982			
	LST - GMT -5													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	69	69	82	88	92	100	103	101	100	90	79	71	103	39
MEAN MAX TEMP °F	31	35	46	60	71	81	84	82	76	64	48	36	60	39
MEAN TEMP °F	24	27	37	50	60	70	74	72	65	54	41	29	50	39
MEAN MIN TEMP °F	16	19	28	39	49	59	63	61	53	43	32	22	40	39
XTRM MIN TEMP °F	-22	-18	-10	7	27	38	44	38	29	20	-1	-16	-22	39
D/W TEMP > 90°F	0	0	0	0	#	4	6	4	2	#	0	0	16	39
D/W TEMP > 85°F	0	0	0	#	3	10	15	12	5	#	0	0	45	39
D/W TEMP < 32°F	29	25	21	8	1	0	0	0	#	5	17	26	132	39
D/W TEMP < 10°F	9	6	1	#	0	0	0	0	0	0	#	5	21	39
VPR PRESS ("Hg)	.09	.10	.15	.22	.34	.45	.58	.56	.45	.28	.20	.13	.26	10
MEAN DEWPOINT °F	15	18	28	37	48	56	63	62	56	43	34	24	41	10
99.95% WCPA Ft	1500	1450	1500	1450	1300	1200	1100	1050	1150	1250	1400	1500	1350	10
MEAN RH 07 LST %	79	81	79	77	77	78	83	88	87	84	83	81	81	10
MEAN RH 13 LST %	72	71	63	57	54	54	56	61	58	61	70	75	63	10
MAX 24HR PRECIP "	2.4	1.5	2.1	2.6	2.7	3.2	2.6	3.9	3.5	2.5	2.1	2.1	3.	39
MAX PRECIP "	9.7	4.4	5.3	7.1	6.9	8.3	1.0	7.7	6.8	9.3	5.8	5.5	11.	39
MEAN PRECIP "	2.3	2.1	2.9	3.5	3.5	3.8	3.5	3.2	2.6	2.6	2.8	2.6	35.4	39
MIN PRECIP "	.4	.3	.7	1.3	1.0	1.2	.4	.4	.3	.1	.6	.4	.1	39
D/W PRECIP > .01"	12	10	13	13	12	10	10	9	9	e	11	13	131	39
D/W PRECIP > .5"	1	1	2	2	2	3	2	2	2	2	2	2	23	39
MAX 24HR SNFL "	11	8	13	5	#	0	0	0	0	1	6	11	13	39
MAX SNFL "	30	17	20	12	#	0	0	0	0	1	14	20	30	39
MEAN SNFL "	9	8	5	2	#	0	0	0	0	#	3	7	34	39
D/W SNFL > .1"	9	7	5	2	0	0	0	0	0	#	3	7	33	39
D/W SNFL > 1.5"	2	2	1	#	0	0	0	0	0	0	1	2	8	39
MEAN WND DRCTN	W	W	W	W	E	SW	SW	SW	SW	W	W	W		0
MEAN WND SPD Kts	10	8	10	10	8	8	7	6	7	8	9	10		0
MAX WND SPD** Kts	60	47	46	53	51	56	58	51	46	45	47	47	60	14
MEAN CLD CVR 10th	8	7	7	7	6	6	5	6	6	6	7	8	7	10
D/W TSTORMS	#	1	3	4	5	7	7	6	4	2	1	#	40	39
D/W FOG VSBY <7mi	13	12	13	11	11	9	12	17	14	14	13	15	154	39
Legend: ANN = Annual YOR = Years of record POR = Period of record D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude @ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** = Instantaneous peak winds * = Data not available \$ = Percentage of <u>calm</u> winds > mean direction														
REMARKS: Hurricanes/tropical storms observed (1900-1985):														
		JUN	JUL	AUG	ANNUAL									
Within 60NM		0/0	0/0	0/0	0/0									
Within 120NM		0/0	0/0	0/0	0/0									
Within 240NM		0/1	0/0	0/1	0/2									

A W S CLIMATIC BRIEF October 1987	Station Name:	FORT WAYNE MAP/BARR FLD IN	Field Elev:	815 ft
	Latitude/Longitude:	N40 59 W085 11	Station MSC:	725330
	Hourly Obs POR:	Jun 77 to May 77	Call Sign:	KFMA
	Summary of Day POR:	Jan 48 to May 87	Supersedes:	Mar 1982
LST - GMT -5				

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY LESS THAN 3000/3	00-02	51	39	35	21	19	11	11	12	14	22	37	51	27	
	03-05	50	42	36	25	24	14	18	21	20	26	38	53	31	
	06-08	52	48	36	33	29	21	31	46	33	33	46	57	39	
	09-11	51	51	37	32	30	20	22	33	29	36	49	57	37	
	12-14	47	44	39	34	26	16	20	23	21	31	44	56	33	
	15-17	48	41	37	29	19	12	13	16	12	24	41	53	29	
	18-20	49	40	34	24	14	10	10	11	11	19	39	51	16	
	21-23	47	38	34	20	15	8	7	9	11	22	38	50	25	
	00-24	49	43	36	27	22	14	17	21	19	27	42	54	31	10
CIG/VSBY LESS THAN 1530/3	00-02	30	26	21	11	13	6	7	9	10	14	21	30	17	
	03-05	32	31	23	14	17	10	13	17	14	18	23	33	20	
	06-08	33	36	26	22	22	18	28	41	29	24	28	36	29	
	09-11	36	40	25	19	17	15	17	26	22	24	32	42	26	
	12-14	32	31	21	13	12	7	11	11	9	14	25	37	19	
	15-17	28	26	18	11	9	6	8	7	5	11	21	32	15	
	18-20	26	26	19	12	9	5	6	7	6	9	20	28	14	
	21-23	26	25	19	10	9	4	4	4	6	12	19	27	14	
	00-24	30	30	22	14	14	9	12	15	13	16	24	33	19	10
CIG/VSBY LESS THAN 1000/2	00-02	18	20	13	8	9	4	5	4	5	10	13	20	11	
	03-05	20	23	14	10	11	5	8	11	7	13	17	22	13	
	06-08	23	25	16	13	13	9	13	23	16	17	19	25	18	
	09-11	23	26	14	10	9	4	7	11	10	14	19	26	14	
	12-14	18	19	11	6	7	2	4	3	4	7	15	27	10	
	15-17	15	16	10	5	5	2	3	1	3	6	13	22	8	
	18-20	15	17	12	7	5	2	3	1	3	6	12	20	9	
	21-23	16	19	11	6	7	2	2	2	3	7	12	18	9	
	00-24	19	21	13	8	8	4	6	7	6	10	15	23	12	10
CIG/VSBY LESS THAN 200/½	00-02	3	5	1	1	1	1	#	1	1	2	1	3	2	
	03-05	3	7	1	1	2	1	1	3	2	3	2	3	2	
	06-08	2	8	1	2	2	1	1	5	4	3	2	4	3	
	09-11	2	8	2	#	#	#	0	#	1	1	1	4	2	
	12-14	1	4	#	0	#	0	0	0	0	0	0	3	1	
	15-17	1	3	#	#	0	0	0	0	0	0	#	2	1	
	18-20	1	2	#	#	0	0	#	#	0	#	#	2	#	
	21-23	2	5	1	#	#	#	0	0	0	#	2	3	1	
	00-24	2	5	1	1	1	#	#	1	1	1	1	3	1	10

A W S CLIMATIC BRIEF October 1987		Station Name: GRISSOM AFB IN Latitude/Longitude: N40 39 W086 09 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Jan 56 to Jul 87 LST - GMT -5		Field Elev: 812 Ft Station MSC: 725335 Call Sign: KZUS Supersedes: Jul 1983											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F		65	68	82	86	93	98	105	98	95	87	76	69	105	32
MEAN MAX TEMP °F		30	35	46	60	71	80	84	82	76	64	49	36	59	32
MEAN TEMP °F		23	27	38	50	61	71	74	72	66	54	41	30	51	32
MEAN MIN TEMP °F		16	20	30	40	51	60	65	62	56	44	34	23	42	32
XTRM MIN TEMP °F		-21	-16	-4	11	29	40	44	37	33	20	-1	-16	-21	32
D/W TEMP > 90°F		0	0	0	0	#	3	5	3	1	0	0	0	12	32
D/W TEMP > 85°F		0	0	0	#	3	9	14	10	5	#	0	0	41	32
D/W TEMP < 32°F		29	24	19	6	#	0	0	0	0	3	14	25	120	32
D/W TEMP < 10°F		10	6	1	0	0	0	0	0	0	0	#	4	21	32
VPR PRESS ("Hg)		.09	.11	.16	.24	.35	.49	.62	.58	.45	.29	.20	.13	.27	10
MEAN DEWPOINT °F		16	20	29	39	49	58	65	63	56	44	35	24	42	10
99.95% WCPA Ft		1500	1450	1500	1450	1300	1150	1050	1050	1150	1250	1400	1450	1350	10
MEAN RH 07 LST %		76	77	78	77	76	75	82	85	83	81	81	79	79	10
MEAN RH 13 LST %		71	70	64	59	56	55	60	61	55	60	69	75	63	10
MAX 24HR PRECIP "		1.8	3.6	1.7	2.9	2.9	4.5	3.1	2.6	2.7	2.3	1.9	3.2	4.5	32
MAX PRECIP "		4.5	5.6	5.5	8.4	6.4	14.5	7.5	9.2	7.2	5.7	7.0	9.4	14.5	32
MEAN PRECIP "		1.9	1.9	2.8	3.8	3.7	4.1	3.9	3.6	2.7	2.5	2.8	2.9	36.6	32
MIN PRECIP "		.3	.1	.5	1.0	1.5	1.3	.5	.7	.1	.2	.6	.4	.1	32
D/W PRECIP > .01"		12	10	13	12	12	10	9	9	9	9	11	13	129	32
D/W PRECIP > .5"		1	1	2	3	2	3	2	3	2	2	2	2	25	32
MAX 24HR SNFL "		9	10	5	6	#	0	0	0	#	1	5	12	12	32
MAX SNFL "		22	20	12	12	#	0	0	0	#	1	10	27	27	32
MEAN SNFL "		8	8	4	1	#	0	0	0	#	#	3	8	32	32
D/W SNFL > .1"		8	6	4	1	0	0	0	0	0	#	2	6	27	32
D/W SNFL > 1:5"		2	2	1	#	0	0	0	0	0	0	1	2	8	32
MEAN WND DRCTN		W	W	W	W	\$S	\$SSW	\$SSW	\$S	\$S	W	W	W	W	10
MEAN WND SPD Kts		9	7	9	9	6	6	5	4	5	6	8	9	7	10
MAX WND SPD** Kts		59	56	54	60	52	52	56	64	50	44	52	56	64	29
MEAN CLD CVR 10th		7	7	7	7	6	6	6	6	5	6	7	8	7	10
D/W TSTORMS		1	1	3	5	6	7	8	6	4	2	1	1	45	32
D/W FOG VSBY < 7mi		15	14	15	13	13	12	16	19	16	15	15	17	180	32

Legend: ANN - Annual YOR - Years of record POR - Period of record

D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude

- Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.

** - Instantaneous peak winds

* - Data not available \$ - Percentage of calm winds > mean direction

REMARKS:

A W S CLIMATIC BRIEF October 1987		Station Name: GRISSOM AFB IN Latitude/Longitude: N40 39 W086 09 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Jan 56 to Jul 87 LST - GMT -5									Elevation: 812 Ft Station MSC: 725335 Call Sign: KGUS Supersedes: Jul 1983				
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	40	35	28	15	14	7	8	7	9	16	30	43	21	
	03-05	41	37	31	20	19	11	15	16	14	22	33	45	25	
	06-08	43	42	34	25	22	14	24	30	25	28	39	47	31	
	09-11	38	41	33	23	18	12	16	16	19	25	39	48	27	
LESS THAN	12-14	39	38	31	24	16	8	10	8	13	22	36	47	24	
3000/3	15-17	39	34	31	20	12	6	6	4	8	17	36	43	21	
	18-20	39	30	30	18	11	3	5	3	6	16	34	43	20	
	21-23	39	31	29	15	13	5	6	5	7	14	31	44	20	
	00-24	40	36	31	20	16	8	11	11	13	20	35	45	24	10
CIG/VSBY	00-02	27	25	19	10	10	5	7	5	7	11	19	28	14	
	03-05	30	30	20	14	14	8	13	14	12	16	21	32	19	
	06-08	32	33	23	18	17	12	22	28	23	23	26	36	24	
	09-11	30	33	23	14	12	8	12	11	14	18	25	37	20	
LESS THAN	12-14	27	27	20	10	9	4	6	4	6	12	21	32	15	
1500/3	15-17	23	22	16	10	6	3	4	2	3	9	19	29	12	
	18-20	23	21	16	10	6	2	3	1	2	9	18	28	12	
	21-23	25	22	18	9	7	2	5	3	4	9	18	28	13	
	00-24	27	27	19	12	10	6	9	9	9	13	21	31	16	10
CIG/VSBY	00-02	19	21	12	7	6	3	3	2	4	8	14	21	10	
	03-05	21	24	14	10	9	6	7	6	8	12	15	24	13	
	06-08	23	25	17	12	11	7	13	16	15	15	18	26	17	
	09-11	21	26	14	9	8	3	5	7	8	11	18	26	13	
LESS THAN	12-14	19	19	11	6	5	1	2	2	2	8	14	25	10	
1000/2	15-17	15	16	10	6	3	2	1	1	1	5	13	22	8	
	18-20	15	16	10	5	3	1	1	1	1	6	11	20	8	
	21-23	15	18	11	6	4	1	1	1	2	7	14	21	8	
	00-24	19	21	12	8	6	3	4	5	5	9	15	23	11	10
CIG/VSBY	00-02	3	7	2	1	1	0	1	#	#	1	1	4	2	
	03-05	4	8	2	2	1	#	1	2	1	2	2	4	2	
	06-08	4	9	2	3	1	1	1	2	3	3	2	4	3	
	09-11	4	7	1	#	0	#	0	#	1	1	1	4	2	
LESS THAN	12-14	3	4	1	#	0	0	0	0	0	0	0	4	1	
200/1/2	15-17	2	3	#	#	0	#	0	0	0	0	#	3	1	
	18-20	2	3	#	#	0	0	0	0	0	0	1	4	1	
	21-23	3	5	1	#	0	0	#	0	#	#	2	4	1	
	00-24	3	6	1	1	#	#	#	1	1	1	1	4	2	10

PREPARED BY: USAFETAC FEBRUARY 1982				STATION NAME: WATERLOO HAP 1A LOCATION: N42 33 d 92 24				PERIOD: MAR 60-MAY 81 ELEV: 873 FT				STN LTRE: ALG SEC NO: 728488				
AWS CLIMATIC BRIEF																
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				WINDS (MPH)				MEAN NUMBER OF DAYS OCCURRENCE OF:			
	MEAN				MEAN				MAX				TEMPERATURE (°F)			
	MAX				MAX				MAX				MAX			
	MIN				MIN				MIN				MIN			
	RELATIVE HUMIDITY (%)				WIND DIRECTION				WIND SPEED				WIND GUST			
JAN	22	4	13	58	-31	-8	1.8	0.1	1.5	0	17	13	72	83	-05	1
FEB	29	10	19	66	-29	1.1	3.5	0	1.3	7	24	8	74	83	-07	11
MAR	31	23	32	80	-23	2.2	5.4	0.3	1.3	6	16	8	76	81	-13	25
APR	30	36	46	100	0	3.7	8.1	1.0	2.7	2	10	6	78	84	-21	36
MAY	31	47	59	94	25	4.2	7.2	1.5	3.4	6	8	8	79	81	-31	46
JUN	30	57	69	99	38	4.9	8.6	2.2	4.0	0	0	0	81	81	-45	56
JUL	31	62	73	100	63	4.9	12.6	1.1	5.3	0	0	0	83	83	-54	62
AUG	31	59	70	97	38	3.8	8.1	0.1	4.0	0	0	0	84	85	-52	60
SEP	30	50	62	95	22	4.0	11.4	0.6	3.1	0	0	0	82	83	-36	50
OCT	31	43	51	95	14	2.5	8.0	0	2.7	0	8	8	78	80	-22	37
NOV	30	36	46	94	-17	1.7	4.7	0.1	1.6	3	12	9	78	81	-14	26
DEC	31	24	34	86	-27	1.2	2.8	0.3	1.3	7	20	8	76	80	-08	15
ALL	30	35	44	100	-34	34.5	12.6	0.8	5.3	31	20	13	79	81	-21	16
YR	21	21	21	21	21	21	21	21	21	21	21	21	8	8	8	8
REMARKS: MISSING FOR: HOURS: JUN 73 - MAY 81 DAILY: MAR 60 - MAY 81																
NOTE: * DATA NOT AVAILABLE ** DATA RELYING ON CLIMATE ** 1/2 CALS BURN & PLUS, BACTS																
CAY. PRES (IN)	00-02	20	31	31	22	13	6	6	6	12	14	27	18	37	20	
	03-05	29	29	32	24	16	11	13	19	20	18	29	30	23		
	06-08	31	30	34	30	22	15	16	22	27	19	32	39	26		
	09-11	30	29	34	30	22	12	13	18	26	19	33	36	25		
	12-14	33	27	34	28	16	6	9	13	20	15	32	33	22		
	15-17	32	27	31	24	11	4	4	6	14	12	28	32	19		
	18-20	26	26	31	18	10	3	3	6	10	11	26	34	17		
	21-23	26	28	29	18	10	4	5	8	12	12	27	36	18		
	ALL YRS	30	29	32	24	15	8	9	13	18	15	29	36	22	8	
	CAY. PRES (IN)	00-02	21	21	21	13	9	4	6	9	10	10	17	26	14	
03-05		22	19	22	17	14	7	10	16	18	12	18	30	17		
06-08		21	20	24	21	16	10	14	19	21	16	21	28	19		
09-11		23	18	22	19	10	5	9	11	15	13	22	27	16		
12-14		20	15	20	12	7	2	4	3	8	6	17	24	12		
15-17		20	14	18	10	5	1	2	2	5	6	15	21	10		
18-20		20	13	18	9	5	1	2	4	5	6	15	24	10		
21-23		19	15	18	8	4	2	3	5	7	8	16	24	11		
ALL YRS		21	17	20	14	9	4	6	9	11	10	18	26	14	8	
CAY. PRES (IN)		00-02	15	15	16	8	5	2	3	5	7	7	11	18	9	
	03-05	14	12	16	12	9	4	6	10	10	8	14	20	11		
	06-08	15	13	17	15	10	5	8	13	15	10	15	19	13		
	09-11	16	12	17	11	6	3	3	6	9	9	15	19	10		
	12-14	14	8	13	6	3	1	1	4	6	4	11	16	7		
	15-17	13	7	12	5	2	0	0	1	3	4	8	14	6		
	18-20	11	7	13	5	3	1	1	3	4	7	14	6			
	21-23	12	8	15	5	3	1	1	3	5	5	11	14	7		
	ALL YRS	14	10	15	8	5	2	3	5	7	7	12	17	9	8	
	CAY. PRES (IN)	00-02	1	0	3	0	0	0	0	0	1	1	2	3	1	
03-05		2	1	4	1	2	0	1	2	1	3	4	4	2		
06-08		3	2	3	2	0	0	0	1	3	2	2	4	2		
09-11		1	1	2	0	0	0	0	0	0	1	1	2	1		
12-14		2	1	1	0	0	0	0	0	0	0	0	2	1		
15-17		1	0	1	0	0	0	0	0	0	0	0	2	0		
18-20		1	1	1	0	0	0	0	0	0	0	0	1	0		
21-23		1	0	1	0	0	0	0	0	0	0	0	1	1		
ALL YRS		2	1	2	0	1	0	0	0	1	1	1	3	1	8	

[illegible]

PREPARED BY USAFETAC MARCH 1985			STATION NAME LOCATION			FT KNOX/GODMAN AFB KY N37 54 W085 08			PERIOD ELEV			MAR 45-NOV 84 735 FT			SYN LTYS: NSC NO:			KFTN 724240																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
AWS CLIMATIC BRIEF												MEAN												SURFACE WINDS												MEAN NUMBER OF DAYS OCCURRENCE OF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
M O N T H	TEMPERATURE (°F)						PRECIPITATION (IN)						SHOWFALL (IN)						RELATIVE HUMIDITY (%)						PRESSURE (IN HG)						DEW PT (°F)						WIND DIRECTION						SPEED (KTS)						WIND GUST (KTS)						PRECIP (IN)						SHOWFALL (IN)						TST (IN)						FOG (IN)						TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	MEAN						MONTHLY						MONTHLY						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST						LST					

A W S CLIMATIC BRIEF SEP 92	STATION NAME: BARKSDALE AFB LA LATITUDE/LONGITUDE: 32 30 N 093 40 W HOURLY OBS POR: JAN 82 - DEC 91 SUMMARY OF DAY POR: MAR 37-OCT 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +06												FIELD ELEV: 166 FT STATION MSC: 722485 CALL SIGN: KBAD SUPERSEDES: OCT 86		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	84	88	90	96	98	102	107	106	103	98	88	85	107	54
	MEAN MAX TEMP (F)	55	60	67	76	83	89	92	92	87	78	67	58	76	54
	MEAN TEMP (F)	46	50	57	65	73	80	83	82	77	67	56	49	66	54
	MEAN MIN TEMP (F)	36	40	46	55	63	70	73	72	66	55	45	38	55	54
	EXTRM MIN TEMP (F)	3	1	15	31	40	51	55	50	38	29	16	4	1	54
	D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	2	1	0	0	0	5	54
	D/W TEMP GE 90 (F)	0	0	#	#	3	17	24	23	12	2	0	0	81	54
	D/W TEMP LT 33 (F)	12	7	2	#	0	0	0	0	0	1	4	9	35	54
	D/W TEMP LT 20 (F)	2	1	#	0	0	0	0	0	0	0	#	1	4	54
	HEATING DEGREE DAYS	583	414	261	74	8	#	0	0	4	71	284	500	2199	54
	COOLING DEGREE DAYS	6	7	33	103	266	456	569	556	363	134	29	6	2528	54
	MEAN DEWPOINT TEMP (F)	34	39	45	52	62	68	71	70	64	55	46	38	54	10
	MEAN WET BULB TEMP (F)	40	44	51	58	66	71	74	74	68	59	51	43	58	10
	99.95% WCPA (FT)	750	800	750	650	550	450	350	350	450	500	600	700	650	10
	MEAN REL HUM 07 LST(%)	79.3	79.9	79.0	80.9	82.7	83.3	84.7	85.9	86.3	86.3	81.8	81.0	82.6	10
	MEAN REL HUM 13 LST(%)	59.3	58.6	55.1	55.8	59.3	58.0	56.9	54.5	53.0	54.1	56.9	60.8	56.9	10
	MAX 24HR PRECIP (IN)	4.80	3.94	5.24	10.82	5.46	5.49	5.02	4.00	3.98	7.46	3.95	3.90	10.82	54
	MAX PRECIP (IN)	16.99	11.02	11.31	23.19	13.76	17.15	10.11	9.43	9.43	14.75	13.06	11.22	73.06	54
	MEAN PRECIP (IN)	4.58	4.29	4.02	4.60	5.17	3.96	3.67	2.69	3.13	3.77	4.35	4.43	48.40	54
	MIN PRECIP (IN)	.23	.75	.58	.57	1.11	.09	.08	.24	.27	.00	.39	.54	29.63	54
	D/W PRECIP GE .01 (IN)	10	8	9	8	8	7	7	7	6	6	8	8	92	54
	D/W PRECIP GT .50 (IN)	3	3	3	3	3	3	2	2	2	2	3	3	32	54
	MAX 24HR SNFL (IN)	7.2	2.8	3.0	#	0	0	0	0	0	0	1.0	5.1	7.2	45
	MAX SNFL (IN)	11.6	2.8	3.0	#	0	0	0	0	0	0	1.0	5.1	12.1	45
	MEAN SNFL (IN)	1.2	.3	.1	#	0	0	0	0	0	0	#	.2	1.8	45
	D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	#	#	2	45
	D/W SNFL GE 1.5 (IN)	1	#	#	0	0	0	0	0	0	0	0	#	1	45
	MAX DLY SNO DEPTH (IN)	6	5	3	0	0	0	0	0	0	0	1	4	6	45
	PRVING WND DIR (DEG)	\$14-16	\$14-16	14-16	\$14-16	\$14-16	\$14-16	\$14-16	\$14-16	\$14-16	\$14-16	14-16	\$14-16	\$14-16	10
	MEAN WND SPD (KTS)	5	6	6	5	5	4	3	3	4	4	5	5	5	10
	MAX WND SPD (KTS)	55	45	60	62	58	60	64	58	49	48	45	45	64	55
	SKY COVER GT 5/10 (%)	58.4	61.8	56.4	53.3	56.7	48.8	42.1	41.2	41.8	45.6	56.5	59.5	51.8	
	D/W THUNDERSTORMS	2	3	5	6	8	8	9	7	5	3	3	2	61	
	D/W FOG (VSBY LT 7 MI)	15	13	12	13	15	13	11	14	16	15	13	13	163	54
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	26.7	26.6	17.6	16.6	12.3	6.9	1.9	2.7	8.9	17.2	28.9	33.8	16.7	10
	03 - 05	30.5	35.9	27.4	25.7	23.7	15.1	7.2	5.6	13.2	25.1	34.1	37.6	23.4	10
	06 - 08	36.1	42.0	33.1	35.7	33.8	21.4	14.8	14.4	24.7	32.9	37.9	40.1	30.6	10
	09 - 11	35.4	38.3	29.7	25.8	26.2	16.1	8.4	9.0	18.2	29.1	34.1	36.0	25.5	10
	12 - 14	32.3	33.7	21.8	16.4	11.1	6.3	3.5	3.7	8.6	19.4	26.8	32.0	18.0	10
	15 - 17	26.0	24.8	16.6	10.6	5.9	3.6	1.2	1.9	5.9	13.3	21.1	26.8	13.1	10
	18 - 20	23.4	25.4	12.4	9.9	4.4	3.1	.6	2.2	4.7	11.0	20.2	25.7	11.9	10
	21 - 23	23.8	25.9	12.4	10.3	5.5	2.7	.2	1.2	6.0	12.9	22.2	28.9	12.7	10
	ALL	29.3	31.6	21.4	18.9	15.3	9.4	4.7	5.1	11.3	20.1	28.2	32.6	18.9	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	20.4	18.3	7.4	9.0	5.3	4.2	1.7	2.2	6.9	13.3	15.3	22.2	10.5	10
	03 - 05	23.5	25.5	10.0	15.8	10.9	10.7	4.8	4.4	10.1	19.7	21.1	24.2	15.1	10
	06 - 08	27.1	29.7	17.5	24.8	21.5	15.8	10.2	11.9	20.1	26.5	26.0	30.3	21.8	10
	09 - 11	25.5	25.3	14.4	13.7	10.1	6.2	3.4	5.1	10.1	20.1	21.8	25.6	15.1	10
	12 - 14	19.9	19.4	9.5	5.4	2.2	1.9	1.7	1.4	2.3	9.6	14.6	21.5	9.1	10
	15 - 17	16.9	15.2	7.0	4.7	2.0	1.6	.8	.8	2.0	7.0	10.4	18.0	7.2	10
	18 - 20	14.6	15.8	6.2	5.6	2.2	1.7	.4	.6	1.6	6.5	11.6	16.3	6.9	10
	21 - 23	16.7	15.7	4.2	5.1	2.6	1.4	.1	.8	3.4	8.5	13.6	17.3	7.4	10
	ALL	20.6	20.6	9.5	10.5	7.1	5.4	2.9	3.4	7.1	13.9	16.8	21.9	11.6	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	17.2	15.5	4.7	6.4	2.4	2.7	1.3	.9	5.3	10.9	11.0	14.7	7.7	10
	03 - 05	18.1	20.1	6.3	10.3	6.0	7.6	3.1	2.7	8.1	16.3	16.3	19.3	11.2	10
	06 - 08	21.9	23.6	11.6	17.4	12.4	9.3	4.2	6.0	14.0	20.0	20.3	24.3	15.4	10
	09 - 11	19.7	19.1	8.4	6.7	3.2	2.2	1.1	2.4	3.9	12.6	15.0	19.0	9.4	10
	12 - 14	13.2	12.9	3.8	2.1	1.0	.7	.3	.6	.8	5.0	9.4	15.5	5.4	10
	15 - 17	11.6	9.5	3.2	2.2	.8	.7	.3	.8	.8	5.1	6.9	13.5	4.6	10
	18 - 20	10.5	10.5	2.7	3.3	1.2	1.1	.2	.4	.6	5.3	7.2	9.6	4.4	10
	21 - 23	13.2	12.4	2.7	3.6	1.6	.6	.0	.3	1.4	7.0	8.9	11.7	5.3	10
	ALL	15.7	15.5	5.4	6.5	3.6	3.1	1.3	1.8	4.4	10.3	11.9	16.0	7.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.4	.2	.1	1.0	.1	.2	.1	.0	.7	.9	1.8	1.3	.7	10
	03 - 05	3.4	1.3	.5	1.9	.8	1.0	.4	.1	.9	2.8	1.6	2.1	1.4	10
	06 - 08	5.5	3.8	.6	2.6	.5	.8	.3	.4	.9	2.4	2.8	2.0	1.9	10
	09 - 11	2.9	.8	.1	.2	.0	.0	.0	.0	.0	.3	.3	.8	.4	10
	12 - 14	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	10
	15 - 17	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.1	.5	.1	10
	18 - 20	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.5	.1	10
	21 - 23	.8	.0	.0	.1	.3	.0	.0	.0	.0	.9	1.1	.7	.3	10
	ALL	2.0	.8	.2	.7	.2	.2	.1	.1	.3	1.0	1.0	1.0	.6	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986															
HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		
60NM	0/0	0/0	0/0	0/0	0/0	0/1	0/1	0/2	0/4	0/0	0/0	0/0	0/8		
120NM	0/0	0/0	0/0	0/0	0/0	2/3	0/2	2/7	2/8	0/1	0/0	0/0	6/21		
240NM	0/0	0/0	0/0	0/0	0/1	5/10	4/7	16/22	12/26	2/6	0/0	0/0	39/72		
REMARKS : @															

[illegible]

A W S CLIMATIC BRIEF October 1987	Station Name: FORT POLK/POLK AAF LA												Field Elev: 329 ft	
	Latitude/Longitude: N31 03 W093 11												Station MSC: 722390	
	Hourly Obs POR: Full-time: Apr 81 to Apr 87 Part-time: May 77 to Mar 81												Call Sign: KPOE	
	Summary of Day POR: Full-time: Apr 81 to Apr 87 LST - GMT -6 Part-time: Sep 62 to Mar 81												Supersedes: Aug 1986	
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN YOR														
XTRM MAX TEMP °F	79e	86	89e	97e	97e	101e	104e	103e	100	93e	87e	81e	104e	25
MEAN MAX TEMP °F	58	62	70	75	83	89	92	92	86	78	69	60	76	6
MEAN TEMP °F	49	53	61	66	74	80	84	83	77	70	61	52	67	6
MEAN MIN TEMP °F	39	44	51	57	64	71	75	74	68	61	52	43	58	6
XTRM MIN TEMP °F	13e	18e	24e	35e	45e	53	64e	60	47	31e	20e	13	13	25
D/W TEMP > 95°F	0	0	0	#	0	1	5	6	#	0	0	0	12	6
D/W TEMP > 90°F	0	0	0	0	2	15	25	24	9	#	0	0	75	6
D/W TEMP < 40°F	17	10	3	1	0	0	0	0	0	0	3	12	46	6
D/W TEMP < 32°F	6	2	#	0	0	0	0	0	0	0	1	4	13	6
VPR PRESS "Hg	.21	.26	.32	.42	.58	.71	.76	.76	.64	.49	.38	.27	.45	10
MEAN DEWPOINT °F	36	41	47	54	63	69	71	71	66	58	51	42	56	10
99.95% WCPA Ft	700	800	900	750	650	550	450	450	550	650	700	750	700	10
MEAN RH 07 LST %	77	79	79	78	84	83	82	85	84	82	83	79	81	10
MEAN RH 13 LST %	58	57	51	51	56	56	54	54	55	54	60	58	55	10
MAX 24HR PRECIP "	4.2	3.9	6.2e	5.7e	4.2e	4.8e	4.8e	3.2e	14.4e	4.3e	4.4	4.9	14.4e	25
MAX PRECIP "	14.2e	11.0	12.9	12.7	12.7e	10.0e	15.1e	7.6e	19.6e	16.9	14.2	18.6	19.6	25
MEAN PRECIP "	4.2	7.0	2.7	3.6	5.9	5.9	3.7	4.3	5.3	6.0	7.2	8.0	63.8	6
MIN PRECIP "	.7	.7e	.8	.6e	1.2e	.3e	.7e	# e	.4e	.2e	0 e	1.0e	0	25
D/W PRECIP > .01"	10	10	10	11	9	11	9	9	9	11	10	10	119	6
D/W PRECIP > .5"	2	4	2	3	4	3	2	3	3	4	4	4	38	6
MAX 24HR SNFL "	2e	#	#	0	0	0	0	0	0	0	0	#	2e	25
MAX SNFL "	4	#	#	0	0	0	0	0	0	0	0	#	4	25
MEAN SNFL "	#	#	0	0	0	0	0	0	0	0	0	#	#	6
D/W SNFL > 0.1"	#	0	0	0	0	0	0	0	0	0	0	0	#	6
D/W SNFL > 1.5"	#	0	0	0	0	0	0	0	0	0	0	0	#	6
MEAN WND DRCTN	\$N	\$N	\$S	S	S	\$S	\$S	\$S	\$S	\$N	\$S	\$N	\$S	10
MEAN WND SPD Kts	4	5	5	5	4	3	3	3	3	4	4	4	4	10
MAX WND SPD** Kts	54e	52e	45e	64e	60e	47e	52e	39e	40e	45e	37e	46e	64e	25
MEAN CLD CVR 10th	6	7	6	6	6	5	5	5	5	6	6	6	6	10
D/W TSTORMS	2	3	6	7	8	11	14	11	8	6	4	3	83	6
D/W FOG VSBY <7mi	17	20	23	21	24	26	23	23	22	24	21	17	261	6
Legend: ANN - Annual YOR - Years of record POR - Period of record D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude # - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** - Instantaneous peak winds * - Percentage of <u>calm</u> winds > mean direction * - Data not available														
REMARKS: Extremes include both full- and part-time POR. Hurricanes/tropical storms observed (1900-1985):														
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL						
Within 60NM	0/0	0/1	0/1	1/2	0/2	0/0	1/0	2/6						
Within 120NM	0/0	1/4	1/3	5/6	4/13	0/1	1/0	12/27						
Within 240NM	0/1	3/8	5/13	18/23	17/35	3/7	1/0	47/87						

A W S CLIMATIC BRIEF October 1987	Station Name:	PORT POLK/POLK AAF LA										Field Elev:	329 ft		
	Latitude/Longitude:	N31 03 W093 11										Station MSC:	722390		
	Hourly Obs POR:	Full-time: Apr 81 to Apr 87										Call Sign:	KPOE		
	Summary of Day POR:	Full-time: Apr 81 to Apr 87										Supersedes: Aug 1986			
LST - GMT -6	Part-time: Sep 62 to Mar 81														
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	29	33	27	27	22	15	3	6	13	26	41	38	23	6
	03-05	33	43	34	37	38	29	10	10	21	38	45	41	32	8
	06-08	40	48	38	39	41	30	12	17	27	38	46	39	35	10
	09-11	36	40	31	29	24	17	8	9	16	29	36	35	26	10
LESS THAN	12-14	31	29	22	18	13	8	3	5	10	17	27	27	18	10
3000/3	15-17	27	24	17	13	8	3	2	4	5	11	21	23	13	10
	18-20	28	23	15	13	7	3	3	3	6	13	24	24	14	10
	21-23	26	27	19	18	12	5	2	3	5	17	35	29	17	9
	00-24	31	33	25	24	21	14	5	7	13	24	34	32	22	
CIG/VSBY	00-02	22	25	19	21	14	13	2	5	12	23	35	30	18	6
	03-05	27	35	24	29	29	26	8	9	20	34	36	32	26	8
	06-08	32	38	30	33	33	26	11	17	25	33	38	32	29	10
	09-11	28	29	21	15	11	5	2	4	10	18	28	26	16	10
LESS THAN	12-14	22	17	10	7	4	2	1	2	4	8	16	18	9	10
1500/3	15-17	19	14	8	6	2	1	1	2	3	7	13	16	8	10
	18-20	20	16	10	6	4	1	2	1	4	8	14	16	9	10
	21-23	19	21	12	11	7	2	1	2	4	12	25	20	11	9
	00-24	24	24	17	16	13	10	4	5	10	18	26	24	16	
CIG/VSBY	00-02	19	21	13	16	10	9	1	4	10	19	26	24	14	6
	03-05	23	27	19	21	21	20	5	8	17	30	27	27	20	8
	06-08	27	30	23	24	21	19	7	12	20	27	30	25	22	10
	09-11	23	21	12	7	4	2	1	2	5	12	20	20	11	10
LESS THAN	12-14	17	12	6	3	2	#	1	1	2	5	11	14	6	10
1000/2	15-17	15	10	5	4	1	1	1	1	2	6	10	13	6	10
	18-20	16	11	5	5	3	1	1	1	2	6	11	12	6	10
	21-23	15	16	6	6	4	1	#	1	3	8	19	14	8	9
	00-24	19	19	11	11	8	7	2	4	8	14	19	19	12	
CIG/VSBY	00-02	2	1	1	1	#	1	#	1	1	1	5	2	1	6
	03-05	3	4	3	4	3	3	1	2	2	6	4	3	3	8
	06-08	6	8	4	4	4	3	1	2	4	7	5	5	4	10
	09-11	3	1	#	#	#	0	0	0	0	1	2	2	1	10
LESS THAN	12-14	1	#	0	0	0	0	0	0	0	0	#	#	#	10
200/1/2	15-17	1	#	0	0	#	0	#	#	0	0	1	0	#	10
	18-20	2	#	1	0	0	0	#	0	#	#	1	1	#	10
	21-23	2	1	#	0	0	#	0	0	#	0	2	1	1	9
	00-24	3	2	1	1	1	1	#	1	1	2	3	2	2	

PREPARED BY: USAPETAC JUNE 1982		STATION NAME: BRUNSWICK NAS ME LOCATION: N43 54 W 69 56		PERIOD: JAN 52-JAN 81 ELEV: 75 FT		STN LTRS: NH2 MBC NO: 743920																																																																																																																																																							
AWS CLIMATIC BRIEF																																																																																																																																																													
TEMPERATURE (°F)		PRECIPITATION (IN)		WIND		RELATIVE HUMIDITY (%)																																																																																																																																																							
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EVE		EVE		EVE		EVE																																																																																																																																																							
REMARKS: RUSSHO FOR: JAN 69-DEC 70, JAN 73-DEC 80 DAILY OBS: JAN 52-JAN 81 NUMBER OBSERVED WITHIN: A/B JUN JUL AUG SEP OCT ANN (1900-1979) 60NM 0/0 0/0 0/0 0/1 0/0 0/1 (A) Hurricane 120NM 0/0 0/1 1/0 1/1 0/1 2/3 (B) Tropical Storm 240NM 0/3 2/4 5/6 7/4 1/1 15/18																																																																																																																																																													
NOTE: * DATA NOT AVAILABLE ** INSTANTANEOUS PEAK WINDS S % CALM 8RTH % PLVE 8RTH S BASED ON < FULL MONTHS																																																																																																																																																													
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CEILING LESS THAN 100 FT AND/OR VISIBILITY LESS THAN 1/2 MI	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVE																																																																																																																																															
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12-14	4	2	2	1	1	1	1	1	1	1	1	1	1																																																																																																																																																
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A W S CLIMATIC BRIEF October 1987	Station Name: LORING AFB ME										Field Elev: 746 FT			
	Latitude/Longitude: N46 57 W067 53										Station MSC: 727125			
	Hourly Obs POR: Aug 77 to Jul 87										Call Sign: KLIZ			
	Summary of Day POR: Aug 50 to Jul 87										Supersedes: Aug 1983			
LST - GMT -5														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	53	57	72	80	89	94	95	94	86	80	67	59	95	37
MEAN MAX TEMP °F	19	23	32	45	60	70	75	72	63	51	37	24	48	37
MEAN TEMP °F	11	15	25	38	50	60	66	63	54	43	31	17	39	37
MEAN MIN TEMP °F	3	6	17	29	40	50	56	53	44	35	25	10	31	37
XTRM MIN TEMP °F	-30	-29	-16	2	19	32	37	35	23	17	-4	-24	-30	37
D/W TEMP > 80°F	0	0	0	#	1	4	8	5	1	#	0	0	19	37
D/W TEMP > 75°F	0	0	0	#	3	9	16	12	3	#	0	0	43	37
D/W TEMP < 32°F	31	27	29	20	5	#	0	0	2	13	24	30	181	37
D/W TEMP < -05°F	9	5	1	0	0	0	0	0	0	0	0	4	19	37
VPR PRESS ("Hg)	.05	.06	.09	.15	.22	.34	.44	.40	.30	.20	.14	.07	.17	10
MEAN DEWPOINT °F	2	7	15	27	37	48	55	53	45	34	25	11	30	10
99.95% WCPA Ft	2050	1750	1750	1650	1450	1450	1300	1250	1350	1600	1700	1850	1650	10
MEAN RH 07 LST %	69	69	71	72	69	74	78	80	82	80	80	75	75	10
MEAN RH 13 LST %	65	62	61	58	51	55	58	59	62	62	71	70	61	10
MAX 24HR PRECIP "	2.1	1.9	1.8	1.9	2.4	2.0	2.8	5.4	4.8	4.1	2.9	2.0	5.4	37
MAX PRECIP "	5.4	5.5	5.8	5.2	6.5	7.4	6.5	11.1	7.7	7.4	9.0	6.7	11.1	37
MEAN PRECIP "	2.7	2.4	2.7	2.6	3.1	3.4	4.1	4.3	3.6	3.1	3.7	3.3	39.0	37
MIN PRECIP "	.4	.3	.5	.4	.5	.9	1.8	1.1	.7	1.1	1.4	1.0	.3	37
D/W PRECIP >0.01"	15	13	13	12	13	13	14	13	12	13	15	16	162	37
D/W PRECIP >0.5"	1	1	1	1	2	2	3	3	2	2	2	2	22	37
MAX 24HR SNFL "	16	19	26	19	6	#	0	0	1	11	15	17	26	37
MAX SNFL "	47	47	52	36	11	#	0	0	1	13	33	58	58	37
MEAN SNFL "	26	23	22	9	1	#	0	0	#	2	12	26	21	37
D/W SNFL > 0.1"	14	12	11	6	1	#	0	0	#	2	8	14	68	37
D/W SNFL > 1.5"	5	5	4	2	#	0	0	0	0	1	3	6	26	37
MEAN WND DRCTN	W	NNW	NW	S	S	S	S	\$S	\$S	S	S	\$NW	S	10
MEAN WND SPD (Kt)	7	7	7	7	6	6	5	5	5	6	7	7	6	10
MAX WND SPD**(Kt)	51	50	48	52	51@	44	50	48	45	45	48@	57	57	32
MEAN GLD CVR 10th	7	7	7	7	7	7	7	7	7	7	8	7	7	10
D/W TSTORMS	#	0	#	#	2	4	6	4	1	#	0	0	17	37
D/W FOG VSBY <7mi	8	7	8	10	10	11	13	13	13	12	12	10	127	37
Legend: ANN = Annual YOR = Years of record POR = Period of record D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude @ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** = Instantaneous peak winds \$ = Percentage of calm winds > mean direction * = Data not available														
REMARKS: Hurricanes/tropical storms observed (1900-1986):														
	JUL	AUG	SEP	ANNUAL										
Within 60NM	0/1	0/0	0/0	0/1										
Within 120NM	0/1	0/1	2/0	2/2										
Within 240NM	1/4	1/2	6/2	8/8										

A W S CLIMATIC BRIEF		Station Name: LORING AFB ME Latitude/Longitude: N46 57 W067 53 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Aug 50 to Jul 87 LST - GMT -5										Field Elev: 746 FT Station MSC: 727125 Call Sign: KLIZ				Supersedes: Aug 1983	
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																	
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR		
CIG/VSBY LESS THAN 3000/3	00-02	29	25	30	30	25	19	19	21	18	26	36	37	26			
	03-05	30	27	33	34	27	22	25	27	24	27	37	39	29			
	06-08	29	27	34	34	31	27	25	30	26	31	43	39	31			
	09-11	30	26	35	35	32	27	22	30	28	33	43	38	32			
	12-14	33	27	36	33	26	18	17	23	25	30	45	38	29			
	15-17	28	26	32	30	21	16	11	16	18	26	39	36	25			
	18-20	27	20	30	27	20	13	12	15	17	24	37	36	23			
	21-23	29	23	29	26	21	15	15	19	17	25	35	35	24			
00-24	29	25	32	31	25	20	18	23	22	28	39	37	27	10			
CIG/VSBY LESS THAN 1500/3	00-02	19	17	21	21	18	13	13	17	13	17	23	24	18			
	03-05	19	16	23	26	21	16	20	22	18	18	24	25	21			
	06-08	20	18	24	27	24	19	20	24	18	21	27	25	22			
	09-11	22	18	24	23	18	14	13	19	18	19	28	24	20			
	12-14	21	18	21	19	13	10	6	12	12	16	26	25	17			
	15-17	20	16	18	17	12	9	4	9	10	14	25	23	15			
	18-20	19	14	18	15	12	7	7	10	10	13	24	23	14			
	21-23	20	13	20	16	14	9	9	14	10	15	23	24	16			
00-24	20	16	21	21	17	12	12	16	14	17	25	24	18	10			
CIG/VSBY LESS THAN 1000/2	00-02	14	12	17	14	15	9	8	13	11	14	19	18	14			
	03-05	14	12	18	21	16	13	16	17	15	15	20	19	16			
	06-08	14	12	19	21	17	13	16	18	13	16	22	20	17			
	09-11	17	13	19	18	13	8	8	11	11	14	21	18	14			
	12-14	15	13	16	14	8	5	2	7	7	11	19	17	11			
	15-17	16	12	14	12	7	5	2	7	7	10	20	18	11			
	18-20	15	10	14	11	8	5	3	7	8	10	20	20	11			
	21-23	14	10	15	12	10	6	5	12	8	12	19	20	12			
00-24	15	12	17	15	12	8	8	12	10	13	20	19	13	10			
CIG/VSBY LESS THAN 200/1/2	00-02	2	1	1	1	1	2	1	2	1	1	2	2	1			
	03-05	2	2	2	2	2	2	4	4	3	1	4	3	3			
	06-08	1	1	2	1	1	1	2	2	3	1	4	3	2			
	09-11	2	1	2	1	0	#	0	0	#	#	3	1	1			
	12-14	2	1	2	1	0	0	0	0	0	#	2	2	1			
	15-17	2	1	1	1	0	#	0	#	0	#	2	2	1			
	18-20	1	#	1	1	0	#	#	#	0	1	2	1	1			
	21-23	2	1	1	1	#	1	#	2	1	1	2	2	1			
00-24	2	1	2	1	1	1	1	1	1	1	3	2	1	10			

STN LTRS	ROI
WBAN NO	14604
WMO NO	727130

1 MEAN				2		SURFACE WINDS		3		MEAN NUMBER OF DAYS OCCURRENCE OF													
RELATIVE HUMIDITY (%)	VAPOR PRESSURE (IN HG)	DEW PT (°F)	PPT SURF (IN)	PPT SURF (FT)	5		3		CLOUD COVER (%)	1		2		TST MONTHS	POC	TEMPERATURE (°F)							
					PVLG DCRCTN	SPEED	MEAN (KT)	MAX (KT)		PRECIP (IN)	SNOW FALL (IN)	1	2			1	2	3	4	5	6	7	8
77	.06	7	90	1550	SN	8	40	7	6	1	13	4	0	8	0	0	9	31	14				
75	.06	8	1750	SN	8	40	7	6	1	12	4	0	8	0	0	1	28	11					
74	.10	18	1500	SN	8	40	7	6	2	8	4	0	8	0	0	29	4	0					
72	.16	29	1350	SH	8	40	7	6	2	4	1	8	11	0	2	22	8	0					
67	.23	38	1200	SN	8	27	7	8	2	0	0	1	9	0	2	7	0	0					
71	.35	49	1200	SS	7	27	7	7	2	0	0	4	11	0	6	7	0	0					
74	.15	56	1100	SS	7	27	6	8	3	0	0	5	11	1	11	0	0	0					
75	.42	54	1100	SS	6	27	6	8	2	0	0	4	11	0	7	0	0	0					
76	.12	47	1150	SS	7	27	6	7	2	0	0	1	11	0	2	3	0	0					
76	.22	37	1250	SS	8	40	6	7	2	1	8	1	11	0	0	13	0	0					
90	.14	26	1400	SH	7	40	7	7	2	5	3	0	11	0	7	24	0	0					
78	.07	11	1550	SN	8	27	7	7	2	5	0	0	9	0	2	30	9	0					
75	.19	32	1400	SN	8	40	7	8	2	5	20	16	119	1	38	187	38	0					
12	12	12	11	11	15	15	15	23	23	45	12	11	11	23	23	23	23	23					

REMARKS:	Source:	1. Climatology of the U.S. No. 20, Climate of Presque Isle, Maine: POR: 1951-1973	6. Climatological Data Set for New England: POR: 1951-1973
		2. Revised Uniform Summary of Surface Weather Observations: POR: Jan 46-Jul 48, Mar 51-Sep 59	o POR: Nov 1949-Dec 1956
		3. Uniform Summary of Surface Weather Summary: POR: 1941-1955	
		4. World-wide Airfield Summaries, Vol IV: POR: Unknown	
		5. A General Analysis of the Climate of the 1st U.S. Army Area: POR: Unknown	

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STW LTRS: APG
MSC NO: 724057

AWS CLIMATIC BRIEF														MEAN NUMBER OF DAYS OCCURRENCE OF																	
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				RELATIVE HUMIDITY (%)	WIND SPEED (MPH)	WIND DIRECTION (°)	SURFACE WINDS (KTS)	CLOUD COVER (%)	PRECIP		SNOWFALL		T HUNDER STORMS	F OG	TEMPERATURE (°F)							
	MEAN		EXTREME		MONTHLY		MONTHLY		MONTHLY		MONTHLY							MAX		MIN				MAX		MIN					
	DAILY		DAILY		DAILY		DAILY		DAILY		DAILY							DAILY		DAILY				DAILY		DAILY					
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN						MAX	MIN	MAX	MIN			MAX	MIN	MAX	MIN				
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN						MAX	MIN	MAX	MIN			MAX	MIN	MAX	MIN				
JAN	41	26	34	75	-5	2.8	5.7	.6	2.0	5.1	4	80	66	.15	27	700	NW	7	58	7	10	2	3	1	13	0	0	24	7		
FEB	43	27	35	74	0	2.3	3.9	.3	1.1	3	14	80	64	.15	28	750	NW	7	54	6	8	2	1	1	11	0	0	22	5		
MAR	51	33	42	87	9	3.8	6.2	.6	1.6	2	8	78	62	.18	32	750	NW	9	60	6	11	3	1	1	11	0	0	15	1		
APR	63	42	52	92	22	3.2	7.2	.6	2.1	8	8	81	60	.28	33	750	NW	8	62	6	10	2	8	0	2	13	8	2	3	0	
MAY	73	53	63	95	31	3.9	7.2	.8	2.8	0	0	86	59	.39	52	550	SSW	7	59	7	12	3	8	0	6	16	1	8	0	0	
JUN	82	62	74	100	44	3.5	6.4	.4	2.2	0	0	88	58	.56	62	500	SSW	6	54	6	9	3	0	0	5	15	4	19	0	0	
JUL	86	66	76	101	49	3.2	6.2	.7	3.1	0	0	88	56	.64	66	400	SSW	5	48	6	8	2	0	0	6	14	8	27	0	0	
AUG	84	65	74	102	47	3.8	13.0	.7	4.6	0	0	90	60	.62	65	400	NNW	6	57	6	9	2	0	0	5	16	6	24	0	0	
SEP	77	57	67	98	34	3.1	6.7	.1	3.9	0	0	90	59	.49	58	450	N	6	54	6	7	2	0	0	3	15	1	12	0	0	
OCT	67	47	57	95	24	2.8	5.5	.9	2.1	8	8	87	58	.33	48	550	N	7	67	5	7	2	0	0	1	16	8	2	2	0	
NOV	55	36	45	85	15	3.3	.1	.3	5.8	1	9	84	61	.22	37	650	NW	7	56	6	8	2	1	8	1	14	0	8	12	1	
DEC	44	26	36	84	0	3.0	5.6	.2	2.1	1	7	80	65	.15	28	700	NW	7	56	6	9	2	1	8	0	14	0	0	22	5	
ANNUAL	64	45	55	102	-5	3.8	7.1	.4	3.1	5.8	12	84	61	.31	64	650	NW	7	62	6	10	2	8	2	10	16	20	95	100	19	
EXTREME	21	21	21	21	21	19	19	19	12	12		16	10	16	10	11	10	10	10	10	10	19	19	12	12	12	12	21	21	21	21
REMARKS																															
RUSSHO FOR: (1871-1982) NUMBER OBSERVED WITHIN: A/B JUN JUL AUG SEP OCT NOV ANNUAL																															
HOURLY OBS: DEC 47 - NOV 57 60NM 1/0 0/0 0/4 0/1 0/0 0/0 1/5																															
DAILY OBS: OCT 36 - NOV 57 (A) Hurricanes 120NM 1/0 0/1 2/6 1/7 1/1 0/0 5/5																															
(B) Tropical Storms 240NM 2/5 2/6 14/14 12/13 2/2 0/2 32/42																															
NOTE * DATA NOT AVAILABLE																															
# AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS % CALM SECT % P.V.G. DICTY 3 BASED ON < FULL MONTHS																															
CAV FREQ (S) HRS LST JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL SVR																															
00-02 25 17 19 18 21 17 12 18 18 19 21 20 19																															
03-05 26 19 21 22 30 29 20 25 24 25 23 21 24																															
06-08 20 24 26 23 28 27 18 27 28 30 27 28 26																															
09-11 25 23 25 20 22 20 12 22 21 19 23 24 21																															
12-14 72 21 22 18 15 13 8 14 15 14 20 22 17																															
15-17 18 18 19 14 13 11 5 8 10 12 16 19 14																															
18-20 19 16 18 14 13 11 5 8 12 12 16 19 14																															
21-23 22 16 17 15 14 11 6 11 12 16 18 19 15																															
ALL HRS 23 20 21 18 20 17 11 17 18 18 21 22 19																															
00-02 20 15 16 11 15 12 8 13 14 15 16 15 14																															
03-05 22 14 17 16 24 22 15 20 20 20 19 17 19																															
06-08 23 21 22 19 22 21 15 21 22 26 23 24 22																															
09-11 20 19 19 14 16 12 8 12 13 14 18 21 16																															
12-14 15 15 16 12 9 6 4 6 7 8 14 16 11																															
15-17 14 15 13 10 6 5 3 3 6 6 11 14 9																															
18-20 14 16 14 9 9 5 4 4 7 11 13 9																															
21-23 17 15 14 10 10 7 5 6 9 10 13 14 11																															
ALL HRS 18 16 16 17 14 11 8 11 12 13 16 17 14																															
00-02 15 12 12 8 10 7 4 7 7 11 11 11 10																															
03-05 18 12 13 17 16 14 9 12 13 16 14 13 14																															
06-08 16 15 17 14 14 12 7 13 16 19 15 17 15																															
09-11 14 14 13 11 10 5 3 6 6 10 11 15 10																															
12-14 10 11 11 8 4 3 2 2 3 4 8 11 6																															
15-17 10 12 9 7 3 2 2 1 3 3 7 9 6																															
18-20 10 13 10 6 5 2 2 2 3 3 8 9 6																															
21-23 12 12 11 7 6 5 2 2 5 6 9 10 7																															
ALL HRS 13 13 12 9 9 6 4 6 7 9 10 12 9																															
00-02 5 3 3 2 2 1 8 8 1 4 2 5 2																															
03-05 6 3 4 2 4 3 3 3 3 7 5 4 4																															
06-08 7 5 4 2 2 1 1 2 3 7 5 5 4																															
09-11 4 2 8 1 8 0 0 0 0 1 2 3 1																															
12-14 1 1 1 8 0 0 0 0 0 0 1 1 8																															
15-17 2 2 1 8 0 0 0 0 0 0 1 2 1																															
18-20 3 3 1 1 1 1 0 0 0 1 2 3 1																															
21-23 4 4 3 2 2 1 1 1 1 2 3 4 2																															
ALL HRS 4 3 2 1 1 1 1 1 1 3 3 3 2																															

STN LTRS ROS
WBAN NO 14739
WMO NO 725090

AWS CLIMATIC BRIEF

[illegible]

REMARKS: SOURCE: RUSSHO

NOTE: DATA NOT AVAILABLE		AMTS < UNITS SHOWN IN HEADING												**MAX HRLY WIND SP CLASS INT.		S & CUM GRTR & PLUG DCTN		BASED ON < FULL MONTHS	
CAY FREQ (%)	MRS LIST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	ETB				
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	24	24	21	25	22	20	17	18	20	19	24	24	22					
	03-05	25	24	24	27	23	21	21	23	24	23	23	23	23					
	06-08	29	29	28	27	23	23	24	27	25	30	26	24	26					
	09-11	31	29	28	24	20	18	13	21	22	25	27	26	24					
	12-14	26	25	25	20	17	14	13	15	16	20	23	23	20					
	15-17	23	22	22	20	17	13	10	12	15	17	20	21	18					
	18-20	21	21	21	21	17	13	12	14	15	17	19	20	18					
	21-23	22	22	21	21	19	17	13	16	17	18	21	23	19					
	ALL HRS	25	24	24	23	20	18	16	18	19	21	23	23	21	20				
	CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	18	16	16	20	19	17	14	14	15	14	16	16	16				
03-05		19	17	18	22	20	19	19	19	20	18	16	16	19					
06-08		21	23	22	22	20	20	21	23	21	19	19	19	21					
09-11		25	23	20	18	16	12	12	13	15	20	19	20	18					
12-14		19	18	18	14	13	8	9	10	11	13	15	17	14					
15-17		18	16	17	13	13	9	7	9	10	12	13	16	13					
18-20		16	16	16	16	14	11	9	11	12	12	14	14	13					
21-23		17	17	16	16	17	14	11	13	13	14	14	15	15					
ALL HRS		19	18	18	18	16	14	13	14	15	16	16	16	16	20				
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI		00-02	13	11	11	15	15	14	11	10	11	10	10	11	12				
	03-05	13	13	14	18	16	15	15	14	15	13	11	11	14					
	06-08	14	16	16	17	15	13	13	14	14	12	11	14						
	09-11	15	15	14	12	10	7	7	8	10	12	12	17	11					
	12-14	14	13	14	9	8	4	4	6	7	9	9	12	9					
	15-17	12	13	12	9	8	5	4	7	7	8	8	11	9					
	18-20	12	13	12	11	11	6	6	8	8	8	8	10	9					
	21-23	13	13	12	12	12	11	7	9	9	9	9	10	11					
	ALL HRS	13	13	13	13	12	10	8	9	10	10	10	11	11	20				
	CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1 MI	00-02	1	1	1	1	2	1	1	2	2	1	1	1	1				
03-05		1	1	1	1	3	2	2	3	3	2	1	1	2					
06-08		1	2	1	2	1	1	1	2	2	3	1	1	2					
09-11		1	2	1	1	1	0	0	0	1	1	1	1	1					
12-14		1	2	1	0	1	0	0	0	0	0	0	1	1					
15-17		1	2	1	1	1	0	0	1	0	1	1	1	1					
18-20		1	1	1	1	1	0	1	1	1	1	1	1	1					
21-23		1	1	1	1	1	1	1	1	1	1	1	1	1					
ALL HRS		1	2	1	1	1	1	1	1	1	1	1	1	1	20				

LAURENCE G. HANSCOM FIELD/BEDFORD, MASS.	PERIOD 1943-67	WBAN # 14702
		WMO # 74490
1 12 29 8 31 17	ELEVATION: 143 ft	STN LTRS KRED

42 23 8 24 17

ELEVATION: 143

WMO # 74490

STN LTAS KRED

NOTE: *DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.															
FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG	00 - 02	25	26	24	20	25	24	21	23	27	24	29	26	25	
less than	03 - 05	27	27	26	20	30	28	25	30	32	32	25	28	28	
3000 feet	06 - 08	29	26	29	20	28	24	25	30	32	32	30	24	25	
and / or	09 - 11	27	26	28	26	24	22	19	24	25	25	29	23	25	
VSBY	12 - 14	25	24	26	23	21	17	15	19	19	20	26	22	21	
less than	15 - 17	24	23	24	20	19	15	13	16	16	18	26	22	20	
3 miles	18 - 20	24	23	23	21	19	16	13	16	18	20	24	22	20	
	21 - 23	24	23	22	22	22	10	15	19	21	21	25	23	21	
	ALL HOURS	26	25	25	25	23	20	19	22	24	23	27	25	24	24
CIG	00 - 02	20	21	19	21	22	22	19	20	23	21	20	19	21	
less than	03 - 05	20	21	20	24	27	25	26	27	28	23	21	19	23	
1500 feet	06 - 08	22	21	23	24	25	20	23	26	28	27	24	18	23	
and / or	09 - 11	21	20	20	19	18	14	13	15	18	19	21	17	18	
VSBY	12 - 14	19	18	18	15	14	10	8	11	12	13	17	16	14	
less than	15 - 17	19	17	17	13	13	11	8	10	10	14	18	17	14	
3 miles	18 - 20	18	18	18	15	16	12	11	12	13	15	17	16	15	
	21 - 23	18	19	17	17	19	15	13	15	17	17	18	17	17	
	ALL HOURS	20	19	19	19	19	16	15	17	18	19	20	17	18	24
CIG	00 - 02	17	16	15	16	18	17	14	14	18	17	15	14	16	
less than	03 - 05	16	16	16	20	21	20	20	20	22	19	16	14	18	
1000 feet	06 - 08	17	17	18	19	15	16	18	21	22	19	12	18	18	
and / or	09 - 11	16	15	15	14	13	9	7	9	12	13	16	12	13	
VSBY	12 - 14	16	14	12	10	10	7	5	7	7	9	12	12	10	
less than	15 - 17	15	13	12	9	9	7	6	8	10	12	13	10	10	
2 miles	18 - 20	15	14	13	10	12	8	6	7	10	11	12	12	11	
	21 - 23	15	15	14	13	16	11	9	11	12	13	13	12	13	
	ALL HOURS	16	15	15	14	15	12	10	12	14	14	14	13	14	24
CIG	00 - 02	4	3	3	2	4	4	3	3	5	5	5	2	4	
less than	03 - 05	3	3	3	3	5	6	4	6	8	6	4	2	4	
200 feet	06 - 08	3	4	3	3	2	2	2	3	5	6	4	3	4	
and / or	09 - 11	2	3	2	1	1	1	1	1	1	2	1	2	1	
VSBY	12 - 14	4	2	2	1	1	0	1	1	1	1	1	2	1	
less than	15 - 17	3	2	2	1	1	1	1	1	1	1	1	1	1	
1 mile	18 - 20	2	2	2	1	1	1	1	1	1	1	2	2	1	
	21 - 23	3	4	2	1	1	1	1	2	2	3	3	2	2	
	ALL HOURS	3	3	2	1	2	2	1	2	3	3	3	2	2	24

PREPARED BY: USAPETAC
MAY 1987

STATION NAME: DTIS ANGO MA
LOCATION: N41 29 N070 21

PERIOD: OCT 42-DEC 86
ELEV: 131 FT

STN LTRN:
RSC NO: 725060

AWS CLIMATIC BRIEF

MEAN

PRECIP

RELATIVE HUMIDITY (%)

TEMPERATURE (°F)

PRECIPITATION (IN)

SHOWFALL (IN)

DEW PT

TEMPERATURE (°F)

PRECIPITATION (IN)

SHOWFALL (IN)

DEW PT

TEMPERATURE (°F)

PRECIPITATION (IN)

SHOWFALL (IN)

DEW PT

TEMPERATURE (°F)

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AWC CLIMATIC BRIEF

SOUTH WICKMOUTH NAS/SHRA FIELD, MASS

PERIOD 1954-69

WBAN # 14790

Prepared by ETAC (APR 1971)

N 42 09 W 70 56

ELEVATION: 171 ft STN LTRS: KN2W

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)		MEAN					MEAN NUMBER OF DAYS										TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	RELATIVE HUMIDITY (%)		DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOS (< 7 MILES)	TEMPERATURE (°F)						
												0100	1300											MAXIMUM	MINIMUM					
90	80	32	0																											
JAN	61	35	19	-12	4.0	2.7	12	15	WNW	9	51	72	60	.7	.10	1100	10	3	5	2	#	12	0	0	28	2	6			
FEB	68	36	19	-10	3.9	2.1	14	12	WNW	9	60	74	59	.18	.10	1150	11	3	6	3	#	11	0	0	26	1	6			
MAR	77	44	28	2	3.9	3.9	12	13	WNW	9	62	76	56	.24	.13	1050	11	2	4	2	#	13	0	0	22	0	6			
APR	89	57	37	15	4.3	2.8	1	8	SSW	9	50	77	51	.33	.19	950	11	3	1	#	1	14	0	1	8	0	6			
MAY	95	68	46	28	3.2	2.9	#	#	SSW	8	46	80	50	.43	.28	750	11	2	0	0	1	16	1	4	1	0	6			
JUN	96	77	56	40	2.5	1.6	0	0	SSW	7	52	84	54	.54	.42	700	11	2	0	0	4	17	2	13	0	0	6			
JUL	98	82	62	45	2.5	2.1	0	0	SSW	7	38	85	54	.60	.52	550	9	2	0	0	4	18	3	20	0	0	6			
AUG	100	79	60	38	3.8	6.2	0	0	SSW	7	43	85	55	.59	.50	600	10	2	0	0	4	19	2	16	0	0	6			
SEP	92	72	53	33	3.6	3.9	0	0	SSW	7	61	85	57	.53	.40	700	8	2	0	0	1	17	1	7	0	0	5			
OCT	88	63	43	18	3.6	2.8	#	#	SSW	7	43	84	55	.43	.28	850	10	2	#	0	1	17	0	2	4	0	5			
NOV	75	51	34	13	4.3	2.8	#	1	V	8	51	82	60	.33	.19	1000	12	3	#	0	1	16	0	0	14	0	6			
DEC	66	38	22	-8	4.3	1.7	8	14	WNW	8	54	74	60	.21	.11	1050	11	3	4	1	0	12	0	0	26	1	6			
ANN	100	58	40	-12	43.9	6.2	47	15	SSW	8	62	80	56	.38	.23	900	125	29	20	8	17	182	9	63	129	4	6			
EYR	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	12	12	15	15	15	15	15			

REMARKS

Number Observed Within: Jun Jul Aug Sep Oct Nov Ann
(POR: 1900-1970) 60 NM 0/0 3/1 2/1 6/4 1/0 0/0 12/6
(A) Hurricanes/Tropical Storms 120 NM 1/0 3/1 11/6 11/9 1/0 0/0 27/16
(B) Hurricanes Only 240 NM 2/0 3/1 17/9 28/21 9/5 1/1 60/37
SMOS (NAVY) PORs: Hrvy and Daily Obs: Apr 54 - Mar 69

NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSBY less than 3 miles	00 - 02	30	24	27	28	27	32	25	31	28	29	31	31	29	12
	03 - 05	31	26	29	31	30	39	33	37	36	30	29	28	32	12
	06 - 08	30	30	32	32	26	32	35	36	36	34	32	28	32	15
	09 - 11	26	30	32	27	22	28	25	25	27	27	30	26	27	15
	12 - 14	24	29	31	24	20	23	19	21	22	22	28	25	24	15
	15 - 17	24	25	27	22	18	19	15	17	17	20	25	25	21	15
	18 - 20	24	23	25	25	20	21	19	21	21	20	24	24	22	15
	21 - 23	26	25	24	25	24	27	21	25	22	25	25	26	25	15
	ALL HOURS	27	27	28	26	23	27	24	26	26	25	28	26	26	
CIG less than 1500 feet and / or VSBY less than 3 miles	00 - 02	21	19	20	23	24	29	23	28	22	26	23	22	23	12
	03 - 05	23	20	24	26	28	36	33	34	31	26	20	21	27	12
	06 - 08	21	24	27	27	23	29	33	34	32	30	26	22	27	15
	09 - 11	21	24	24	20	17	21	20	18	20	20	23	22	2	15
	12 - 14	19	21	21	17	15	16	12	13	14	15	19	21	17	15
	15 - 17	19	18	20	17	15	15	11	13	12	14	18	20	16	15
	18 - 20	18	18	20	20	17	18	16	16	17	15	20	19	18	15
	21 - 23	19	19	20	19	21	24	20	21	18	21	20	19	20	15
	ALL HOURS	20	20	22	21	19	22	20	21	20	20	21	21	21	
CIG less than 1000 feet and / or VSBY less than 2 miles	00 - 02	17	16	17	19	20	22	19	22	18	20	16	16	19	12
	03 - 05	17	15	19	20	22	29	28	27	25	21	15	17	21	12
	06 - 08	17	21	22	23	20	24	27	26	26	23	18	19	22	15
	09 - 11	17	19	20	17	14	16	14	13	16	14	18	18	16	15
	12 - 14	15	16	18	14	11	12	8	9	11	11	15	17	13	15
	15 - 17	15	15	17	13	11	11	7	9	10	11	14	17	13	15
	18 - 20	15	15	18	16	14	14	10	12	13	11	15	15	14	15
	21 - 23	16	16	16	17	18	19	14	15	15	15	16	15	16	15
	ALL HOURS	16	17	18	17	16	17	15	16	16	15	16	17	16	
CIG less than 200 feet and / or VSBY less than 1/2 mile	00 - 02	5	3	4	3	4	8	4	4	4	6	6	3	5	12
	03 - 05	3	3	5	4	6	9	8	7	6	6	5	3	5	12
	06 - 08	3	5	6	4	2	3	4	5	6	6	4	4	4	15
	09 - 11	4	5	4	1	#	#	1	1	1	2	2	3	2	15
	12 - 14	3	3	3	#	#	#	0	#	#	#	#	2	1	15
	15 - 17	3	4	3	1	#	#	#	1	1	1	1	2	1	15
	18 - 20	3	4	4	1	1	1	1	2	2	1	2	2	2	15
	21 - 23	4	3	4	2	2	4	2	3	2	3	4	2	3	15
	ALL HOURS	4	4	4	2	2	3	2	2	3	3	3	3	3	

A W S CLIMATIC BRIEF (LIMITED) SEP 90	STATION NAME: WESTOVER AFB MA	FIELD ELEV: 245 FT
	LATITUDE/LONGITUDE: 42 12 N 072 32 W	STATION MSC: 744910
	HOURLY OBS POR: SEP 69 - AUG 89	CALL SIGN: KCEF
	SUMMARY OF DAY POR: 4106-7601, 8811-8908 (FULL TIME), 4104-4105, 7602-8810 (PART TIME)	
	HOURS SUMMARIZED: 00-23 LST (EXCEPT 07-16 LST 4104-4105 AND 07-23 LST 7602-8810)	

SUPERSEDES: MAR 86

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	65	71	86	94	101	102	101	100	101	89	81	70	102	48
MEAN MAX TEMP (F)	33	35	45	58	70	77	83	81	73	63	50	37	59	48
MEAN TEMP (F)	24	27	36	48	58	67	72	70	62	52	41	29	49	48
MEAN MIN TEMP (F)	16	18	28	37	47	56	61	59	51	40	32	21	39	48
EXTRM MIN TEMP (F)	-22	-20	-13	8	25	32	42	30	25	16	8	-16	-22	48
D/W TEMP GE 90 (F)	0	0	0	#	1	3	4	3	1	0	0	0	12	48
D/W TEMP GE 80 (F)	0	0	#	1	5	14	22	18	7	1	#	0	68	48
D/W TEMP LT 33 (F)	29	25	22	9	1	#	0	#	1	7	17	27	138	48
D/W TEMP LT 0 (F)	3	2	1	0	0	0	0	0	0	0	0	2	8	48
HEATING DEGREE DAYS	1229	1072	888	529	242	55	6	20	142	398	698	1121	6400	34
COOLING DEGREE DAYS	0	0	#	2	25	125	229	179	66	7	#	0	633	34
MEAN DEWPOINT TEMP (F)	13	15	23	32	46	55	61	60	53	40	31	20	38	20
MEAN WET BULB TEMP (F)	21	25	32	41	53	61	65	64	57	46	38	27	44	20
99.95% WCPA (FT)	1150	1100	1100	1000	800	750	650	600	700	850	1000	1050	950	20
MEAN REL HUM 07 LST(%)	66.3	67.2	67.5	66.7	75.3	79.0	80.1	83.0	83.9	80.3	76.5	71.5	75.4	20
MEAN REL HUM 13 LST(%)	53.3	51.0	49.4	46.5	51.5	55.1	53.9	55.7	56.7	54.4	57.7	57.5	53.6	20
MAX 24HR PRECIP (IN)	2.81	3.25	2.78	3.56	3.64	3.74	4.35	7.55	3.88	3.37	2.43	3.00	7.55	48
MAX PRECIP (IN)	8.92	7.67	7.74	8.74	11.56	10.41	9.73	18.68	8.65	9.05	7.56	7.25	58.88	48
MEAN PRECIP (IN)	3.19	3.02	3.39	3.73	3.79	3.73	3.82	3.64	3.41	3.06	3.93	3.52	42.25	48
MIN PRECIP (IN)	.42	.18	.38	.62	1.00	.33	.36	.40	.82	.24	.62	.67	24.74	48
D/W PRECIP GE .01 (IN)	11	9	11	11	12	11	10	9	9	8	11	11	123	48
D/W PRECIP GT .50 (IN)	2	2	2	2	2	2	3	2	2	2	3	3	27	48
MAX 24HR SNFL (IN)	12.1	17.0	12.2	13.4	4.5	0	0	0	0	2.0	12.2	13.6	17.0	44
MAX SNFL (IN)	37.1	31.7	36.0	15.4	5.4	0	0	0	0	2.0	15.2	35.8	92.1	44
MEAN SNFL (IN)	13.6	11.8	8.7	1.6	.1	0	0	0	0	.1	2.5	11.0	49.7	44
D/W SNFL GE .1 (IN)	7	6	4	1	#	0	0	0	0	#	1	6	25	44
D/W SNFL GE 1.5 (IN)	3	2	2	1	#	0	0	0	0	#	1	3	12	44
MAX DLY SNO DEPTH (IN)	25	31	24	15	0	0	0	0	0	#	11	20	31	44
PRVING WND DIR (DEG)	\$29-31	\$29-31	29-31	\$29-31	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$35-01	\$29-31	\$35-01	\$17-19	20
MEAN WND SPD (KTS)	6	6	7	7	6	5	5	4	4	5	5	6	5	20
MAX WND SPD (KTS)	61	56	63	61	60	59	48	62	60	49	69	54	69	42
SKY COVER GT 5/10 (%)	58.7	59.6	62.2	62.1	66.8	62.8	58.8	56.4	57.7	55.7	65.4	66.4	61.0	20
D/W THUNDERSTORMS	#	1	1	1	3	5	6	5	2	1	1	#	26	40
D/W FOG (VSBY LT 7 MI)	12	9	11	11	14	16	16	18	17	15	13	13	165	40

LEGEND: ANN = ANNUAL	POR/YOR = PEP / YEARS OF RECORD
D/W = MEAN NUMBER OF DAYS WITH	WCPA = WOF CASE MAXIMUM PRESSURE ALTITUDE
& = BASED ON LESS THAN FULL MONTHS	# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
** = INSTANTANEOUS PEAK WINDS	\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION
* = DATA NOT AVAILABLE	

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	23.0	23.5	24.7	19.9	25.7	34.9	27.3	25.1	32.7	22.7	27.6	32.0	26.6	07
	03 - 05	23.4	25.8	26.4	20.1	28.7	42.3	32.6	33.2	40.6	30.3	30.2	30.8	30.4	07
	06 - 08	24.1	23.6	26.6	25.5	29.2	32.3	28.8	34.4	39.9	30.9	31.7	30.3	29.8	20
	09 - 11	22.4	20.4	24.2	22.4	23.5	22.4	17.6	21.3	25.0	23.3	29.0	26.2	23.1	20
	12 - 14	19.2	20.2	22.2	19.5	18.1	15.8	11.5	14.2	18.4	16.1	22.7	25.6	18.6	20
	15 - 17	18.4	18.2	20.2	17.1	14.8	13.2	8.4	10.7	14.5	14.2	21.1	24.2	16.2	20
	18 - 20	18.7	18.4	19.7	17.5	15.9	14.1	9.7	13.1	15.6	15.6	22.9	25.2	17.2	20
	21 - 23	21.0	19.6	22.0	18.4	18.9	20.3	13.1	17.0	21.5	18.9	25.4	27.0	20.3	20
	ALL	20.8	20.5	22.7	20.0	20.9	21.7	16.6	19.8	24.2	20.6	25.7	26.9	21.7	20
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	16.7	15.5	18.5	13.0	19.4	27.6	22.4	19.6	27.9	16.9	18.7	25.6	20.1	07
	03 - 05	17.6	17.9	19.2	13.2	22.0	34.4	27.5	28.1	34.3	23.2	21.6	22.0	23.4	07
	06 - 08	16.6	17.0	18.5	16.8	21.8	25.9	24.1	28.8	32.9	24.0	21.4	19.7	22.3	20
	09 - 11	15.4	14.9	15.8	12.4	13.8	14.1	10.1	12.4	15.6	14.6	17.4	18.1	14.5	20
	12 - 14	13.3	12.7	12.5	9.4	9.4	8.6	5.2	6.7	8.3	9.8	11.7	17.7	10.4	20
	15 - 17	12.0	12.4	12.6	8.8	8.2	6.3	4.4	5.8	6.8	8.7	11.2	17.2	9.5	20
	18 - 20	12.3	12.6	12.7	9.7	9.3	8.9	5.6	7.8	8.6	8.4	11.8	17.3	10.4	20
	21 - 23	13.6	12.7	15.3	10.9	12.4	14.1	7.9	11.4	15.0	11.8	12.9	18.4	13.0	20
	ALL	14.2	14.0	14.9	11.4	13.4	14.9	11.3	13.5	16.5	13.7	14.9	18.7	14.3	20
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	12.7	12.4	14.1	10.1	12.1	17.6	14.5	13.7	17.7	12.3	13.5	18.9	14.1	07
	03 - 05	14.5	13.9	14.6	10.5	14.7	27.3	19.5	19.3	24.2	16.0	14.9	15.1	17.0	07
	06 - 08	11.9	13.3	12.6	10.9	14.1	18.2	15.1	19.2	23.3	17.9	14.9	13.9	15.4	20
	09 - 11	10.0	9.7	10.9	6.8	7.5	6.6	4.8	6.8	8.8	10.4	10.6	12.0	8.7	20
	12 - 14	9.9	8.9	8.5	4.7	4.8	3.1	2.5	3.3	3.6	5.8	6.1	12.4	6.1	20
	15 - 17	9.5	7.9	8.1	4.7	3.5	2.6	1.5	2.5	3.2	5.5	5.9	13.0	5.7	20
	18 - 20	9.0	8.2	8.7	5.1	3.9	4.3	2.0	3.3	4.0	5.1	6.1	12.4	6.0	20
	21 - 23	9.6	8.4	10.0	6.2	6.7	7.8	3.8	6.4	7.5	7.4	7.3	13.4	7.9	20
	ALL	10.4	9.7	10.2	6.7	7.5	8.8	6.3	8.0	9.9	9.3	9.0	13.3	9.1	20
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.9	2.8	3.1	2.4	1.8	1.9	2.0	1.9	2.2	2.9	1.9	5.3	2.5	07
	03 - 05	3.5	2.8	3.2	2.4	3.1	3.5	2.6	4.7	6.0	6.9	2.9	5.5	3.9	07
	06 - 08	3.0	2.6	2.5	1.9	1.3	2.2	1.9	3.7	8.7	7.5	3.4	3.8	3.5	20
	09 - 11	1.9	1.9	1.4	.4	.0	.0	.0	.0	.6	1.2	1.9	2.3	1.0	20
	12 - 14	1.3	1.2	1.0	.1	.0	.0	.0	.0	.0	.2	.3	2.0	.5	20
	15 - 17	1.5	1.1	.6	.4	.1	.1	.0	.1	.1	.2	.3	1.6	.5	20
	18 - 20	1.1	1.1	1.0	.7	.2	.2	.1	.1	.1	.4	.3	1.7	.6	20
	21 - 23	1.4	1.3	1.7	.9	.3	.8	.4	.3	1.1	.6	.7	2.5	1.0	20
	ALL	1.8	1.7	1.5	.9	.6	.8	.6	1.0	2.1	2.1	1.3	2.7	1.4	20

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/1	3/2	1/2	0/0	0/0	0/0	4/5
120NM	0/0	0/0	0/0	0/0	0/0	0/1	1/2	3/6	3/5	0/1	0/0	0/0	7/15
240NM	0/0	0/0	0/0	0/0	0/0	0/5	2/7	11/14	12/11	0/1	0/1	0/0	25/39

REMARKS : @ SUMMARY OF THE DAY (SOD) DATA DERIVED EXCLUSIVELY FROM WESTOVER AFB MA.

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WESTOVER AFB, MA

LOCATION: 4212N 7232W

PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 744910

ELEVATION (FEET): 246

PERIOD: 7301-9012 (SOURCE #1)

ICAO: CEF

LST = GMT-5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	62	71	83	94	94	101	99	99	97	86	78	101
MEAN DAILY MAX	1	33	36	46	59	70	78	83	81	73	61	51	59
MEAN	1	26	29	39	50	61	69	74	72	64	53	43	51
MEAN DAILY MIN	1	18	20	29	40	49	58	63	61	52	41	34	41
EXTREME MIN	1	-17	-12	3	19	26	36	44	36	29	18	-2	-17
# DAYS GE 90	1	0	0	0	#	#	2	5	3	1	0	0	12
# DAYS LE 32	1	27	24	19	5	#	0	0	0	1	7	14	121
# DAYS LE 0	1	3	2	0	0	0	0	0	0	0	#	1	6
2. PRECIPITATION (INCHES)													
MAXIMUM	2	8.9	7.7	7.7	8.7	12.0	10.0	9.7	19.0	8.7	9.1	7.3	*
MEAN	2	3.1	3.1	3.4	3.8	3.8	3.7	3.8	3.6	3.4	3.1	3.8	42.3
MINIMUM	2	0.4	0.7	0.4	0.6	1.0	0.3	0.4	0.4	0.8	0.2	0.6	*
MAX 24 HR	2	2.8	3.3	2.7	3.6	2.7	3.5	4.4	7.6	3.9	3.4	2.4	7.6
# DAYS W/PRECIP	1	13	12	13	13	14	13	11	11	10	10	12	145
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	2	14	12	10	2	#	0	0	0	0	#	2	51
MAXIMUM	2	37	32	36	15	5	0	0	0	0	2	15	*
MAX 24 HR	2	12	17	12	13	5	0	0	0	0	2	14	17
# DAYS W/SNOW	1	9	7	6	2	#	0	0	0	0	#	3	35
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	74	72	74	77	86	91	90	92	88	86	79	82
RH (15 LST)	1	54	51	48	45	48	51	50	53	52	51	55	51
VAPOR PRESS	1	.10	.11	.15	.21	.34	.48	.56	.56	.43	.28	.20	.30
DEWPOINT	1	15	16	24	33	46	56	61	61	53	41	32	38
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCIN	1	\$N	\$N	\$N	\$N	\$S	\$S	\$S	\$S	\$S	\$S	\$N	\$S
MEAN SPEED													
(PVLG DRCIN)	1	7	7	8	8	8	7	6	6	6	7	6	7
MEAN SPEED													
(ALL OBS)	1	6	6	7	7	6	5	5	4	4	5	5	5
MAX PEAK GUST	2	61	56	63	61	58	59	48	62	60	49	69	69
PRESSURE ALT	2	1250	1100	1100	1000	800	800	700	600	700	900	1000	1250
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	4	4	5	5	5	5	4	4	4	4	5	5
DAYS TSMS	1	#	#	#	1	3	5	6	5	2	1	1	25
	1	10	9	11	10	13	14	14	17	16	14	11	148

(WESTOVER AFB, MA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE § = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, MAR 86, PERIOD OF RECORD RANGING FROM 10-45 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	23	26	23	28	37	25	27	30	25	21	29	27
03-05 LST	28	24	28	27	33	50	36	40	39	32	26	28	33
06-08 LST	28	25	29	28	32	36	33	40	42	33	32	30	32
09-11 LST	25	22	26	26	26	26	21	27	27	25	28	26	25
12-14 LST	24	21	24	22	20	18	15	19	19	18	22	24	21
15-17 LST	21	20	20	19	17	14	11	14	14	16	20	23	18
18-20 LST	21	20	20	20	17	16	12	16	15	18	21	24	18
21-23 LST	24	21	21	21	21	21	14	20	21	19	24	26	21
ALL HOURS	25	22	24	23	24	27	21	25	26	23	24	26	24

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	15	20	17	20	31	21	21	25	18	17	22	21
03-05 LST	21	17	20	18	26	45	31	35	34	25	20	21	26
06-08 LST	20	19	20	19	26	31	30	36	36	26	23	20	25
09-11 LST	18	17	17	15	16	17	13	17	17	16	18	18	17
12-14 LST	16	14	13	12	10	10	7	9	9	11	12	17	12
15-17 LST	13	13	13	11	9	8	6	8	7	11	11	16	11
18-20 LST	15	13	13	12	11	10	8	11	9	11	12	15	12
21-23 LST	17	14	15	14	13	15	10	14	15	14	14	17	14
ALL HOURS	17	15	16	15	16	21	16	19	19	17	16	18	17

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	12	16	13	10	20	12	14	16	7	14	15	14
03-05 LST	16	12	17	13	16	34	23	25	26	15	15	14	19
06-08 LST	14	14	14	13	17	22	18	23	26	20	16	16	18
09-11 LST	12	10	12	8	9	9	6	9	10	10	12	12	10
12-14 LST	11	10	9	6	5	3	3	4	4	7	7	13	7
15-17 LST	11	9	9	5	4	3	2	3	3	7	6	12	6
18-20 LST	11	10	9	6	5	4	3	5	4	7	7	11	7
21-23 LST	12	9	11	8	7	8	3	7	7	9	8	12	8
ALL HOURS	13	11	12	9	9	13	9	11	12	10	11	13	11

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	5	3	2	3	2	2	2	3	3	6	3
03-05 LST	7	2	5	4	4	7	4	7	7	6	4	6	5
06-08 LST	4	4	4	2	2	4	3	5	10	8	5	5	5
09-11 LST	3	3	2	#	0	#	#	#	1	2	3	3	1
12-14 LST	3	2	1	#	#	0	0	0	#	1	1	3	1
15-17 LST	3	2	1	#	#	0	#	#	#	1	1	3	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WESTOVER AFB, MA

STATION #: 744910

ICAO: CEF

LOCATION: 4212N 7232W

ELEVATION (FEET): 246

LST = GMT-5

PREPARED BY: USAFETAC/DOC, AUG 1992

PERIOD: 7301-9012 (SOURCE #1)

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	0	1	3	1	2	1	#	0	1
03-05 LST	0	0	#	1	1	#	2	#	#	1	0	#	#
06-08 LST	0	0	0	0	#	1	1	1	#	#	0	0	#
09-11 LST	#	#	0	#	#	#	1	#	#	#	0	0	#
12-14 LST	0	0	#	#	2	1	2	2	#	#	0	0	1
15-17 LST	0	#	#	#	2	2	3	3	1	#	#	0	1
18-20 LST	0	#	#	#	2	2	5	2	2	#	#	#	1
21-23 LST	#	0	#	1	1	3	3	2	2	1	#	#	1
ALL HOURS	#	#	#	1	1	1	2	1	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	12	14	17	10	6	6	10	8	11	12	10
03-05 LST	9	9	14	12	15	14	8	7	10	11	12	11	11
06-08 LST	7	8	10	12	11	11	7	8	9	9	12	9	10
09-11 LST	6	8	9	12	11	8	7	7	8	10	11	8	9
12-14 LST	6	8	9	14	11	8	6	7	8	11	10	9	9
15-17 LST	7	8	11	14	11	8	6	8	8	10	10	8	9
18-20 LST	7	7	10	13	11	9	7	7	10	10	10	8	9
21-23 LST	7	7	11	14	13	7	5	8	10	8	11	9	9
ALL HOURS	7	8	11	13	13	10	7	7	9	10	11	9	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	11	3	2	0	0	0	0	0	0	2	6	3
03-05 LST	6	10	3	2	0	0	0	0	0	0	1	7	2
06-08 LST	9	9	5	2	#	0	0	0	0	#	1	7	3
09-11 LST	10	7	4	1	#	0	0	0	0	#	2	7	3
12-14 LST	9	7	4	1	#	0	0	0	#	#	2	7	3
15-17 LST	8	6	3	1	#	0	0	0	0	#	2	6	2
18-20 LST	8	6	3	1	#	0	0	0	0	#	2	6	2
21-23 LST	8	7	4	1	0	0	0	0	0	0	2	6	2
ALL HOURS	8	8	4	1	#	0	0	0	#	#	2	7	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	#	0	0	#	0	1	#	1	1	1
03-05 LST	1	4	1	#	#	0	0	0	#	0	3	2	1
06-08 LST	2	3	3	2	#	0	0	#	#	#	1	2	1
09-11 LST	2	3	5	3	1	#	#	#	#	1	2	3	2
12-14 LST	4	5	8	5	2	1	#	#	1	2	4	5	3
15-17 LST	4	4	7	6	2	1	#	1	1	2	2	3	3
18-20 LST	2	2	4	1	1	#	#	#	#	#	2	3	1
21-23 LST	3	2	4	1	0	#	0	0	#	#	1	2	1

(WESTOVER AFB, MA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, MAR 86, PERIOD OF RECORD RANGING FROM 10-45 YRS.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	11	15	11	8	17	11	12	15	7	13	13	12
03-05 LST	15	12	16	12	13	30	21	23	24	13	14	13	17
06-08 LST	14	12	12	11	14	18	16	21	24	18	15	14	16
09-11 LST	11	9	10	7	6	6	4	7	8	9	10	11	8
12-14 LST	10	9	7	4	4	3	2	3	3	6	6	11	6
15-17 LST	10	8	7	4	3	2	1	3	2	6	6	11	5
18-20 LST	9	8	8	4	3	3	2	4	3	6	6	10	6
21-23 LST	11	8	9	5	5	6	2	6	6	7	7	10	7
ALL HOURS	12	10	10	7	7	11	8	10	10	9	9	12	10

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	10	11	7	4	9	6	7	10	5	8	10	8
03-05 LST	11	6	11	8	9	19	12	16	17	11	10	11	12
06-08 LST	11	10	9	7	8	11	9	14	18	13	10	11	11
09-11 LST	8	8	7	3	2	3	1	3	4	5	6	9	5
12-14 LST	8	7	4	2	1	1	#	1	1	3	3	8	3
15-17 LST	7	6	4	2	1	1	1	1	1	3	3	8	3
18-20 LST	7	5	5	2	1	1	1	2	2	3	4	7	3
21-23 LST	9	5	7	3	3	3	1	3	3	5	4	8	4
ALL HOURS	9	7	7	4	4	6	4	6	7	6	6	9	6

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	7	4	3	5	3	4	6	3	5	8	5
03-05 LST	8	3	8	5	6	14	7	10	10	8	5	8	8
06-08 LST	7	6	6	4	3	6	5	8	14	10	7	7	7
09-11 LST	5	5	4	1	#	#	#	1	2	3	4	5	3
12-14 LST	6	5	3	1	#	#	#	#	1	1	2	5	2
15-17 LST	5	3	2	1	#	#	#	#	#	1	2	5	2
18-20 LST	4	3	3	1	1	#	#	#	#	1	2	5	2
21-23 LST	4	3	4	2	1	1	#	1	2	2	2	5	2
ALL HOURS	6	4	5	2	2	3	2	3	4	4	4	6	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	4	3	1	2	1	2	1	2	2	4	2
03-05 LST	5	2	4	3	3	4	3	6	4	4	3	4	4
06-08 LST	3	2	3	1	1	2	1	4	8	6	4	3	3
09-11 LST	2	1	1	0	0	0	0	0	#	1	2	2	1
12-14 LST	1	1	#	0	0	0	0	0	0	#	#	1	#
15-17 LST	1	1	#	#	#	0	0	#	#	#	#	1	#
18-20 LST	1	1	1	#	#	0	#	0	0	#	#	1	#
21-23 LST	2	1	2	1	#	#	#	#	#	1	1	2	1
ALL HOURS	2	1	2	1	1	1	1	1	2	2	1	2	1

A W S CLIMATIC BRIEF October 1987		Station Name: PHELPS-COLLINS/ALPENA MI Latitude/Longitude: N45 05 W083 34 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: Sep 59 to Apr 87 LST - GMT -5		Field Elev: 689 ft Station MSC: 726390 Call Sign: KAPN Supersedes: Jun 1982										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	52	65	73	89	94	98	102	95	94	88	76	65	102	28
MEAN MAX TEMP °F	26	28	38	51	64	74	80	77	68	57	43	31	53	28
MEAN TEMP °F	17	19	28	41	52	61	67	65	57	47	35	24	43	28
MEAN MIN TEMP °F	8	9	18	30	39	48	54	52	46	37	28	17	32	28
XTRM MIN TEMP °F	-28	-37	-27	0	20	28	34	30	26	16	-2	-18	-37	28
D/W TEMP > 85°F	0	0	0	#	2	4	8	5	2	#	0	0	21	28
D/W TEMP > 80°F	0	0	0	1	4	9	15	12	4	1	0	0	46	28
D/W TEMP < 32°F	31	27	28	19	8	1	0	#	2	11	22	29	178	28
D/W TEMP < 0°F	8	8	3	#	0	0	0	0	0	0	#	3	22	28
VPR PRESS ("Hg)	.08	.09	.12	.17	.27	.36	.47	.47	.38	.24	.16	.11	.21	10
MEAN DEWPOINT °F	13	15	22	31	42	50	57	57	51	39	29	20	36	10
99.95% WCPA Ft	1600	1400	1500	1450	1250	1200	1100	1050	1200	1400	1450	1500	1350	10
MEAN RH 07 LST %	82	85	85	81	78	82	84	91	91	89	85	85	85	10
MEAN RH 13 LST %	72	69	64	57	54	54	54	61	65	65	70	76	63	10
MAX 24HR PRECIP "	1.8	1.0	1.2	1.1	2.2	2.5	2.8	2.6	3.0	1.7	1.8	1.6	3.0	28
MAX PRECIP "	3.3	3.2	4.4	4.2	8.3	8.4	7.2	5.9	7.1	4.8	7.5	4.4	8.4	28
MEAN PRECIP "	1.6	1.3	2.0	2.3	2.9	3.1	3.1	3.3	3.2	2.1	2.1	2.1	29.1	28
MIN PRECIP "	.2	.1	.6	1.2	1.1	1.3	.9	.9	.3	.6	.6	.6	.1	28
D/W PRECIP > .01"	14	11	12	12	12	11	10	11	13	12	13	16	147	28
D/W PRECIP > .5"	#	1	1	1	2	2	2	2	2	1	1	1	16	28
MAX 24HR SNFL "	16	11	17	6	4	0	0	0	#	2	15	12	17	28
MAX SNFL "	44	33	36	12	4	0	0	0	#	4	31	46	46	28
MEAN SNFL "	22	15	14	4	#	0	0	0	#	1	8	21	85	28
D/W SNFL > .1"	17	12	9	3	#	0	0	0	0	1	6	16	64	28
D/W SNFL > 1.5"	5	3	3	1	#	0	0	0	0	#	2	5	19	28
MEAN WND DRCTN	WNW	W	WNW	N	ESE	W	\$W	\$S	S	S	S		W	10
MEAN WND SPD Kts	8	8	8	9	8	7	7	6	7	7	8		8	10
MAX WND SPD** Kts	46	47	47	52	39	40	46	37	36	38	49	45	52	13
MEAN CLD CVR 10th	8	8	7	7	6	6	6	6	7	7	8	8	7	10
D/W TSTORMS	#	#	1	2	4	5	7	6	4	1	#	#	30	10
D/W FOG VSBY <7mi	9	9	12	11	12	14	14	16	16	14	13	12	152	28

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
@ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds
* - Data not available \$ - Percentage of calm winds > mean direction

REMARKS:

A W S CLIMATIC BRIEF		Station Name: PHELPS-COLLINS/ALPENA MI										Field Elev: 689 ft			
		Latitude/Longitude: N45 05 W083 34										Station MSC: 726390			
October 1987		Hourly Obs POR: May 77 to Apr 87										Call Sign: KAPN			
		Summary of Day POR: Sep 59 to Apr 87										Supersedes: Jun 1982			
		LST - GMT -5													
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY LESS THAN 3000/3	00-02	54	42	37	30	21	15	13	24	28	34	45	57	33	
	03-05	59	46	39	32	23	21	19	30	35	38	46	60	37	
	06-08	60	50	39	33	27	25	23	35	40	40	52	63	41	
	09-11	56	48	40	35	25	22	19	29	40	42	52	59	39	
	12-14	55	48	40	33	23	20	15	23	35	41	49	64	37	
	15-17	50	45	33	32	19	16	13	18	30	35	46	60	33	
	18-20	53	39	33	31	18	11	10	17	29	32	45	56	31	
	21-23	56	42	37	29	18	12	13	20	27	28	47	58	32	
	00-24	55	45	37	32	22	18	16	25	33	36	48	60	36	10
CIG/VSBY LESS THAN 1500/3	00-02	22	20	20	18	12	11	10	15	17	16	17	25	17	
	03-05	25	24	22	20	17	16	15	22	24	20	18	25	21	
	06-08	31	27	25	22	19	18	19	29	29	24	22	30	25	
	09-11	34	32	26	21	14	13	13	18	25	19	24	34	23	
	12-14	28	25	21	17	10	7	7	10	18	14	21	30	17	
	15-17	20	20	19	16	10	4	7	10	16	11	21	28	15	
	18-20	21	20	17	17	10	5	5	10	17	12	19	24	15	
	21-23	21	19	18	17	10	8	8	13	16	13	19	26	16	
	00-24	25	23	21	19	13	10	11	16	20	16	20	28	19	10
CIG/VSBY LESS THAN 1000/2	00-02	14	13	13	15	9	8	7	11	13	10	13	17	12	
	03-05	16	16	14	18	15	13	12	17	16	13	13	14	15	
	06-08	17	17	17	18	14	12	13	22	20	17	15	19	17	
	09-11	21	21	18	16	11	8	7	10	17	13	17	23	15	
	12-14	16	17	14	11	7	4	4	6	11	9	16	20	11	
	15-17	13	13	13	12	6	3	3	6	10	6	15	20	10	
	18-20	13	13	12	13	8	3	4	6	12	8	16	19	11	
	21-23	13	13	13	14	9	6	5	8	13	9	15	16	11	
	00-24	15	15	14	15	10	7	7	11	14	11	15	19	13	10
CIG/VSBY LESS THAN 200/1/2	00-02	2	3	2	3	3	2	2	2	3	4	3	2	3	
	03-05	1	4	2	4	4	3	2	4	4	3	3	3	3	
	06-08	3	4	4	3	4	2	2	6	5	5	3	2	4	
	09-11	2	3	2	1	1	1	#	#	1	1	1	3	1	
	12-14	2	1	1	1	#	#	0	0	1	#	1	2	1	
	15-17	2	1	2	1	1	#	0	0	1	#	2	2	1	
	18-20	1	2	2	2	1	#	#	#	1	2	1	2	1	
	21-23	2	3	2	1	1	#	1	1	3	2	2	2	2	
	00-24	2	3	2	2	2	1	1	2	2	2	2	2	2	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BATTLE CREEK, MICHIGAN
LOCATION: 42°19'N, 85°15'W
PREPARED BY USAFETAC/ECR MAY 1985

STATION #: 725396
ELEVATION (FEET): 941
PERIOD: VARIED

ICAO ID: KBTJ
LST - GMT -5

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	61	60	80	85	93	101	100	100	99	91	77	66	101
MEAN DLY MAX	2	31	33	43	58	69	79	83	81	74	63	47	35	58
MEAN	2	23	25	34	47	58	68	72	70	63	52	39	28	48
MEAN DLY MIN	2	16	17	25	37	46	57	60	59	52	42	31	21	39
EXTREME MIN	2	-16	-14	-4	13	25	33	43	38	29	17	1	-15	-16
# DAYS > 90	2	0	0	0	0	#	3	4	3	1	#	0	0	11
# DAYS > 32	2	17	12	5	2	#	0	0	0	1	4	8	13	62
# DAYS > 0	2	3	2	1	0	0	0	0	0	0	0	0	1	7
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.8	4.2	3.8	6.7	5.2	7.1	6.6	11.0	5.7	8.3	5.3	5.6	*
MEAN	2	1.9	1.7	2.4	3.5	3.2	3.6	3.5	3.3	2.8	2.9	2.7	2.5	34.0
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	2	2.2	1.7	1.8	2.3	2.0	3.5	2.9	3.2	2.6	2.7	1.9	2.3	3.5
# DAYS > 0.01	#	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN	2	11.3	9.4	7.9	2.6	#	0	0	0	0	0.2	6.3	10.8	48.5
MAXIMUM	2	31.0	21.0	18.9	13.3	0.5	0	0	0	0	2.3	17.2	31.7	31.7
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1	2	5	5	6	7	#	0	0	0	0	6	7	6	42
# DAYS > 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	83	82	81	76	77	82	83	87	87	84	83	84	82
RH (16 LST)	1	72	66	61	53	49	50	49	52	54	56	66	75	58
VAPOR PRESS	1	.10	.11	.17	.23	.33	.48	.56	.56	.43	.29	.21	.14	.30
DEWPOINT	1	16	17	27	34	45	56	61	60	53	42	33	22	39
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	SW	S	S	S	\$S	S	\$S	\$S	S	S	S	S	S
MEAN SPEED	1	12	10	11	11	10	9	8	8	8	10	10	10	10
MAX (PK GST)	1	50	43	50	50	45	50	45	35	43	40	45	48	50
PRESSURE ALT	1	1850	1700	1550	1550	1500	1350	1250	1150	1300	1350	1400	1600	1850
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	7	6	6	5	5	5	4	5	4	5	6	7	5
# DAYS TSTMS	1	#	1	2	3	4	5	5	5	3	1	1	1	31
# DAYS FOG	1	10	11	11	8	11	9	11	16	14	12	10	12	135
# DAYS BNBD	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLC DRCTN
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 73-83
 2. CLIMATE OF BATTLE CREEK, MICHIGAN, NATIONAL CLIMATIC CENTER, POR 24 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	40	36	26	14	10	9	14	16	23	36	52	28
03-05 LST	57	41	42	30	19	18	17	24	22	27	39	57	32
06-08 LST	59	46	45	33	28	23	26	40	35	35	46	61	40
09-11 LST	59	47	48	34	27	22	21	31	34	34	49	62	39
12-14 LST	56	45	43	29	25	20	18	23	30	30	46	62	36
15-17 LST	51	43	38	28	21	14	13	12	20	24	42	55	30
18-20 LST	53	40	34	26	17	9	8	10	15	20	37	50	27
21-23 LST	52	37	31	23	13	10	8	9	14	19	35	50	26
ALL HOURS	55	42	40	29	21	16	16	21	24	27	42	56	33

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	25	21	18	10	7	7	11	13	16	22	33	18
03-05 LST	36	27	28	21	14	14	15	20	17	20	26	35	23
06-08 LST	39	33	33	26	23	20	23	38	32	27	31	40	30
09-11 LST	43	34	32	24	19	14	14	23	26	24	31	46	28
12-14 LST	37	29	24	16	13	9	7	10	16	17	25	42	20
15-17 LST	32	26	20	16	10	7	6	7	9	13	23	36	17
18-20 LST	30	24	19	15	11	5	5	6	9	13	20	31	16
21-23 LST	33	21	20	16	9	6	6	6	10	14	20	30	17
ALL HOURS	36	28	25	19	14	10	10	16	17	18	25	37	21

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	13	17	13	6	4	4	7	10	11	13	24	12
03-05 LST	22	18	21	15	11	8	8	13	14	15	17	24	15
06-08 LST	24	21	23	18	16	14	14	25	23	20	21	31	21
09-11 LST	27	22	21	15	12	8	7	11	17	17	21	30	17
12-14 LST	21	18	15	10	7	4	2	4	10	9	14	27	12
15-17 LST	19	17	15	9	5	3	2	2	6	8	14	23	10
18-20 LST	16	17	14	10	7	2	2	3	6	10	13	21	10
21-23 LST	19	15	15	10	5	3	3	3	8	10	14	22	11
ALL HOURS	21	18	17	12	9	6	5	9	12	13	16	25	14

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	1	0	#	#	1	1	1	1	3	2
03-05 LST	3	4	3	2	1	1	2	3	1	3	2	3	2
06-08 LST	3	4	3	2	2	1	2	3	3	4	2	3	3
09-11 LST	3	4	2	#	#	#	#	#	#	1	1	5	1
12-14 LST	2	2	1	0	#	#	0	0	0	0	#	3	1
15-17 LST	2	1	1	#	0	0	0	0	0	0	1	2	1
18-20 LST	2	2	1	#	0	0	0	0	#	#	#	2	1
21-23 LST	2	2	2	#	0	#	0	0	#	#	2	3	1
ALL HOURS	2	3	2	1	#	#	1	1	1	1	1	3	1

ECR-MNF-42

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: BATTLE CREEK, MICHIGAN
LOCATION: 42°19'N, 85°15'W
PREPARED BY USAFETAC/ECR MAY 1985

STATION #: 725396
ELEVATION (FEET): 941
PERIOD: VARIED

ICAO ID: KBTL
LST - GMT -5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	1	2	2	2	1	0	0	0	1
03-05 LST	#	#	1	1	1	1	2	1	2	#	#	#	1
06-08 LST	0	#	#	#	#	1	1	1	1	0	#	#	#
09-11 LST	0	0	1	#	1	1	1	1	#	#	#	#	#
12-14 LST	0	0	0	#	1	2	1	1	#	0	0	0	#
15-17 LST	0	0	#	1	1	1	1	1	1	#	#	#	1
18-20 LST	0	0	1	1	2	2	#	1	2	#	#	#	1
21-23 LST	0	#	#	1	2	3	2	2	1	#	#	0	1
ALL HOURS	#	#	#	1	1	2	1	1	1	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	12	12	9	6	5	4	8	8	9	7	7
03-05 LST	4	4	10	10	7	5	4	5	8	9	11	6	7
06-08 LST	3	4	9	12	9	7	4	7	8	10	11	8	8
09-11 LST	2	3	8	10	8	6	4	4	6	7	11	7	7
12-14 LST	2	4	6	9	6	6	3	4	7	7	9	5	6
15-17 LST	3	4	6	8	8	5	4	4	7	9	12	6	6
18-20 LST	3	5	7	11	8	5	2	4	7	10	10	8	7
21-23 LST	4	5	10	12	9	7	4	5	6	10	7	8	7
ALL HOURS	3	4	8	10	8	6	4	5	7	9	10	7	7

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	21	10	3	#	0	0	0	0	1	9	18	8
03-05 LST	31	22	12	3	#	0	0	0	0	#	9	19	8
06-08 LST	27	18	11	3	#	0	0	0	0	1	9	20	7
09-11 LST	29	18	11	3	#	0	0	0	0	1	9	22	8
12-14 LST	27	16	7	3	0	0	0	0	0	#	9	20	7
15-17 LST	24	17	8	3	0	0	0	0	0	1	7	19	7
18-20 LST	24	16	7	3	0	0	0	0	0	1	7	17	6
21-23 LST	27	19	8	3	0	0	0	0	0	1	8	16	7
ALL HOURS	27	18	9	3	#	0	0	0	0	1	8	19	7

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	0	1	1	0	#	0	#	0	0	1	2	1
03-05 LST	3	#	2	2	0	#	#	0	#	#	1	2	1
06-08 LST	2	1	1	2	0	#	#	0	0	#	1	1	1
09-11 LST	4	1	3	4	1	#	1	#	#	1	1	2	2
12-14 LST	6	2	6	6	2	1	1	#	1	3	2	3	3
15-17 LST	5	2	5	7	3	2	1	#	1	2	1	2	3
18-20 LST	3	2	3	2	1	#	0	0	#	#	1	2	1
21-23 LST	3	2	2	2	#	#	#	0	0	#	1	3	1
ALL HOURS	3	1	3	3	1	1	#	#	#	1	1	2	2

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 73 - 83
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	11	14	10	5	3	3	6	9	10	10	19	10
03-05 LST	19	16	18	11	9	6	8	11	12	13	15	19	13
06-08 LST	18	18	20	14	13	12	13	23	21	18	18	25	18
09-11 LST	22	20	16	12	9	6	5	8	13	14	18	27	14
12-14 LST	18	15	12	7	4	3	2	2	6	6	9	24	9
15-17 LST	16	14	11	5	3	2	1	2	6	6	9	18	8
18-20 LST	13	14	12	8	5	1	1	2	4	8	10	18	8
21-23 LST	15	12	12	7	4	2	2	3	7	8	11	18	9
ALL HOURS	17	15	14	9	7	5	5	7	10	10	13	21	11

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	6	9	4	2	1	2	2	5	6	6	11	6
03-05 LST	13	10	11	7	5	3	5	7	7	8	8	12	8
06-08 LST	11	10	13	8	7	5	7	13	12	13	10	15	10
09-11 LST	12	13	11	5	3	2	2	3	5	8	9	17	8
12-14 LST	10	10	6	2	1	2	#	1	2	3	3	15	5
15-17 LST	10	8	5	2	1	1	#	1	2	3	4	11	4
18-20 LST	8	8	7	3	1	#	1	1	2	5	4	10	4
21-23 LST	9	7	7	2	2	1	1	2	3	5	6	11	5
ALL HOURS	10	9	9	4	3	2	2	4	5	6	6	13	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	4	2	#	1	1	1	2	3	3	6	3
03-05 LST	7	6	6	3	2	2	4	4	2	4	4	6	4
06-08 LST	5	7	6	4	4	3	4	7	6	8	4	7	5
09-11 LST	6	8	6	3	1	#	1	1	1	4	3	10	4
12-14 LST	5	6	3	#	#	#	0	0	#	#	1	8	2
15-17 LST	5	4	3	1	0	#	#	#	#	#	2	6	2
18-20 LST	4	4	3	1	0	#	#	#	#	1	1	5	2
21-23 LST	4	4	4	1	#	1	0	#	1	2	4	6	2
ALL HOURS	5	5	4	2	1	1	1	2	2	3	3	7	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	#	0	#	0	#	1	#	#	2	1
03-05 LST	2	3	1	1	1	1	1	2	1	2	1	2	2
06-08 LST	1	3	2	1	1	1	2	2	2	2	2	1	2
09-11 LST	1	2	1	0	0	0	0	0	0	#	1	2	1
12-14 LST	1	#	#	0	#	0	0	0	0	0	#	1	#
15-17 LST	1	#	#	0	0	0	0	0	0	0	#	1	#
18-20 LST	1	1	#	#	0	0	0	0	#	#	0	1	#
21-23 LST	#	1	#	0	0	0	0	0	#	#	1	1	#
ALL HOURS	1	2	1	#	#	#	#	#	#	1	1	1	1

ECR-MNF#2a

PREPARED BY: USAFETAC NOVEMBER 1984		STATION NAME: HI SAWYER AFB HI LOCATION: N46 21 W067 24		PERIOD: NOV 56-JUN 84 ELEV: 1220 FT		STN LTNS: 584 MSC NO: 727435													
AWS CLIMATIC BRIEF																			
M O N T H	TEMPERATURE (°F)		PRECIPITATION (IN)		SHOWFALL (IN)		RELATIVE HUMIDITY (%) LST 07 13 IN MO (°F) 99.996												
	MEAN		MONTHLY		MONTHLY														
	EXTREME		MAX 24 HRS		MAX 24 HRS														
	DAILY		MAX 24 HRS		MAX 24 HRS														
JAN		19	4	12	47	-27	2.1	5.0	4	1.8	24	93	24	72	67	-05	4	2150	
FEB		23	6	12	55	-30	1.8	3.5	3	1.3	23	40	15	73	65	-07	4	2100	
MAR		32	15	24	63	-22	2.2	4.8	5	1.8	23	45	23	77	65	-09	16	2050	
APR		46	28	37	83	-3	2.6	5.1	7	1.6	7	20	9	77	59	-14	26	2000	
MAY		60	38	49	94	17	3.1	6.9	10	2.4	4	5	3	75	53	-23	38	1800	
JUN		70	46	59	102	25	3.5	9.3	5	2.6	4	8	8	77	56	-34	48	1800	
JUL		76	54	65	99	32	3.4	9.0	1.1	3.3	4	8	8	80	56	-44	55	1650	
AUG		75	52	63	95	30	3.3	6.0	3	2.7	0	7	0	85	60	-42	54	1650	
SEP		64	45	54	94	21	4.4	7.7	1.2	2.3	4	3	3	86	66	-31	46	1750	
OCT		57	36	45	81	12	2.9	7.1	4.9	2.7	4	15	5	82	64	-20	34	1950	
NOV		37	25	31	69	-6	2.6	6.2	1.0	2.6	17	41	12	79	69	-13	24	2050	
DEC		25	12	19	57	-23	2.5	5.8	7	1.7	31	71	15	77	72	-08	17	2050	
ANN		41	30	39	102	-36	34.3	9.3	3.3	133	93	24	78	63	-17	31	1950	8	
EVR		27	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
REMARKS: RUMSNO FOR: HOURLY OBS: JUL 74 - JUN 84 SUMMARY OF DAY DATA: NOV 56 - NOV 57, MAY 58 - OCT 58 NOV 59 - JUN 84																			
NOTE: * DATA NOT AVAILABLE																			
# AMTS < UNITS SHOWN IN HEADING																			
** INSTANTANEOUS PEAK WINDS																			
3 % CALM GTR & PLVG DRCTN																			
3 BASED ON < FULL MONTHS																			
CAV FREQ (%)																			
00-02																			
03-05																			
06-08																			
09-11																			
12-14																			
15-17																			
18-20																			
21-23																			
ALL HRS																			
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI																			
00-02																			
03-05																			
06-08																			
09-11																			
12-14																			
15-17																			
18-20																			
21-23																			
ALL HRS																			
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI																			
00-02																			
03-05																			
06-08																			
09-11																			
12-14																			
15-17																			
18-20																			
21-23																			
ALL HRS																			
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1/2 MI																			
00-02																			
03-05																			
06-08																			
09-11																			
12-14																			
15-17																			
18-20																			
21-23																			
ALL HRS																			

PREPARED BY: USAPETAC JUNE 1987				STATION NAME: MURKSHITH AFB #1 LOCATION: N44 27 N083 24				PERIOD: JUL 43 - MAR 87 B ELEV: 634 FT				SYN LTRS: KOSC RSC NO: 726395																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHORTFALL (IN)				RELATIVE HUMIDITY (%)				WIND SPEED (MPH)				WIND DIRECTION (°)				WIND VELOCITY (MPH)				WIND GUST (MPH)				WIND FORCE (KNOTS)				WIND TYPE (KNOTS)				WIND DIRECTION (°)				WIND VELOCITY (MPH)				WIND GUST (MPH)				WIND FORCE (KNOTS)				WIND TYPE (KNOTS)				WIND DIRECTION (°)				WIND VELOCITY (MPH)				WIND GUST (MPH)				WIND FORCE (KNOTS)				WIND TYPE (KNOTS)				WIND DIRECTION (°)				WIND VELOCITY (MPH)				WIND GUST (MPH)				WIND FORCE (KNOTS)				WIND TYPE (KNOTS)				WIND DIRECTION (°)				WIND VELOCITY (MPH)				WIND GUST (MPH)				WIND FORCE (KNOTS)				WIND TYPE (KNOTS)				WIND DIRECTION (°)				WIND VELOCITY (MPH)				WIND GUST (MPH)				WIND FORCE (KNOTS)				WIND TYPE (KNOTS)				WIND DIRECTION (°)				WIND VELOCITY (MPH)				WIND GUST (MPH)				WIND FORCE (KNOTS)				WIND TYPE (KNOTS)				WIND DIRECTION (°)				WIND VELOCITY (MPH)				WIND GUST (MPH)				WIND FORCE (KNOTS)				WIND TYPE (KNOTS)				WIND DIRECTION (°)				WIND 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December 1987

Station Name: DULUTH IAP MN
Latitude/Longitude: N46 50 W092 11
Hourly Obs POR: Jul 77 to Jun 87
Summary of Day POR: Jan 48 to Jun 87
LST = GMT -6

Field Elev: 1,430 ft
Station MSC: 727450
Call Sign: KDLH

Supersedes: Jul 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	47	55	71	88	90	93	95	95	95	86	70	55	95	40
MEAN MAX TEMP °F	16	22	32	48	61	71	76	74	64	53	35	21	48	40
MEAN TEMP °F	7	13	23	39	51	60	66	64	54	44	28	14	39	40
MEAN MIN TEMP °F	-2	3	14	29	39	48	54	53	44	36	21	5	29	40
XTRM MIN TEMP °F	-39	-32	-28	-5	17	27	36	32	23	8	-23	-34	-39	40
D/W TEMP > 80°F	0	0	0	#	2	5	11	7	2	#	0	0	27	40
D/W TEMP > 75°F	0	0	0	1	4	10	19	15	4	1	0	0	54	40
D/W TEMP < 32°F	31	28	29	20	6	#	0	#	3	12	26	31	186	40
D/W TEMP < 05°F	19	15	8	#	0	0	0	0	0	0	3	15	60	40
VPR PRESS ("Hg)	.05	.06	.10	.15	.23	.34	.45	.42	.31	.20	.11	.06	.17	10
MEAN DEWPOINT °F	1	8	17	27	38	48	56	54	46	34	21	7	30	10
99.95% WCPA Ft	2200	2100	2150	2100	2000	1950	1850	1800	1950	2100	2250	2250	2100	10
MEAN RH 07 LST %	76	76	77	72	71	76	80	84	86	82	80	78	78	10
MEAN RH 13 LST %	68	67	61	54	52	56	59	62	64	63	67	71	62	10
MAX 24HR PRECIP "	1.2	.8	2.2	2.6	3.0	3.4	3.4	3.1	3.8	2.8	2.2	1.9	3.8	40
MAX PRECIP "	4.7	2.4	5.1	5.8	7.7	8.0	8.5	10.3	6.6	7.5	5.0	3.7	10.3	40
MEAN PRECIP "	1.2	.9	1.8	2.3	3.2	4.0	4.1	3.9	3.3	2.5	1.8	1.4	30.4	40
MIN PRECIP "	.1	.2	.2	.2	.2	.8	1.3	.7	.2	.4	.2	.2	.1	40
D/W PRECIP > .01"	12	10	11	11	12	12	12	12	12	10	11	12	137	40
D/W PRECIP > .5"	#	#	1	1	2	2	3	2	2	1	1	#	15	40
MAX 24HR SNFL "	13	13	17	12	4	0	0	#	1	8	17	23	23	40
MAX SNFL "	47	32	46	32	8	0	0	#	1	8	38	44	47	40
MEAN SNFL "	17	12	14	7	1	0	0	#	#	1	11	16	79	40
D/W SNFL > .1"	13	10	10	5	1	0	0	0	#	2	8	12	61	40
D/W SNFL > 1.5"	3	3	3	1	#	0	0	0	0	#	2	3	15	40
MEAN WND DRCTN	NW	E	E	E	E	ESE	W	ESE	E	NW	W	NW	E	10
MEAN WND SPD Kts	10	9	10	10	9	9	8	8	9	10	10	10	9	10
MAX WND SPD** Kts	50	48	62	52	62	60	53	49	50	55	47	47	62	10
MEAN CLD CVR 10th	6	7	7	6	6	6	6	6	7	7	7	7	7	10
D/W TSTORMS	#	#	1	2	4	7	8	7	4	1	#	#	34	40
D/W FOG VSBY <7mi	10	10	10	9	11	12	11	14	14	12	10	12	135	40

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
@ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds \$ - Percentage of calm winds > mean direction
* - Data not available

REMARKS:

**A W S
CLIMATIC BRIEF**

December 1987

Station Name: DULUTH IAP MN
Latitude/Longitude: N46 50 W092 11
Hourly Obs POR: Jul 77 to Jun 87
Summary of Day POR: Jan 48 to Jun 87
LST - GMT -6

Field Elev: 1430 ft
Station MSC: 727450
Call Sign: KDLH

Supersedes: Jul 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	35	38	28	22	20	19	16	22	35	34	47	41	30	
	03-05	36	41	32	24	24	25	22	30	37	37	48	41	33	
	06-08	37	42	36	28	27	24	26	34	43	40	48	40	35	
	09-11	34	45	35	27	27	20	25	31	45	43	49	44	35	
LESS THAN	12-14	34	42	30	24	23	16	17	22	35	35	44	41	30	
3000/3	15-17	31	38	27	18	17	12	12	17	27	31	39	37	26	
	18-20	30	34	27	18	17	15	13	17	28	29	42	39	26	
	21-23	34	38	27	20	19	17	14	21	30	32	44	41	28	
	00-24	34	40	30	23	22	19	18	24	35	35	45	41	31	10
CIG/VSBY	00-02	25	27	21	16	17	17	12	18	28	27	31	30	22	
	03-05	27	31	25	19	21	21	17	25	33	30	34	33	26	
	06-08	27	34	27	22	24	20	21	30	37	31	36	33	29	
	09-11	27	37	25	19	21	12	17	23	33	29	35	36	26	
LESS THAN	12-14	22	29	18	15	16	10	10	13	20	22	27	32	20	
1500/3	15-17	19	24	17	12	13	8	7	11	17	19	23	27	16	
	18-20	18	22	18	14	14	11	9	13	21	21	25	24	18	
	21-23	21	23	19	15	15	13	11	18	23	23	27	28	20	
	00-24	23	28	21	17	18	14	13	19	27	25	30	30	22	10
CIG/VSBY	00-02	16	21	17	14	16	14	10	17	26	23	21	22	18	
	03-05	19	27	19	16	19	18	15	23	29	24	26	25	22	
	06-08	21	29	22	17	19	16	18	27	34	26	28	26	24	
	09-11	20	29	18	15	16	9	14	17	26	23	26	28	20	
LESS THAN	12-14	14	22	13	11	13	7	7	11	16	15	19	23	14	
1000/2	15-17	12	15	14	11	11	7	6	10	14	15	17	19	13	
	18-20	12	16	15	11	11	10	8	11	17	18	17	19	14	
	21-23	13	17	16	12	14	11	10	16	21	20	20	21	16	
	00-24	16	22	17	13	15	12	11	17	23	21	22	23	18	10
CIG/VSBY	00-02	2	3	3	4	6	5	4	6	9	5	4	4	5	
	03-05	1	5	3	5	8	6	6	9	9	4	4	4	5	
	06-08	2	5	4	4	8	6	7	9	11	5	5	5	6	
	09-11	1	4	4	4	4	3	2	2	6	3	4	5	4	
LESS THAN	12-14	1	2	3	2	3	2	1	2	3	1	5	3	2	
200/1/2	15-17	1	1	3	2	4	1	1	1	3	1	3	3	2	
	18-20	1	1	4	2	4	2	3	2	5	3	2	3	3	
	21-23	2	2	5	3	6	3	4	5	6	4	3	4	4	
	00-24	1	3	4	3	5	4	4	5	7	3	4	4	4	10

[illegible]

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MINNEAPOLIS-ST PAUL IAP, MN
 LOCATION: 4453N 9313W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 726580
 ELEVATION (FEET): 837
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: MSP
 LST = GMT-6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	57	58	82	94	94	102	104	102	98	87	74	62	104
MEAN DAILY MAX	1	22	28	41	58	71	80	85	81	71	58	41	26	55
MEAN	1	14	20	32	47	60	69	75	71	61	49	33	18	46
MEAN DAILY MIN	1	6	12	25	38	49	58	65	61	52	40	26	12	37
EXTREME MIN	1	-32	-23	-10	9	26	38	49	42	24	18	-13	-28	-32
# DAYS GE 90	1	0	0	0	#	1	3	8	3	1	0	0	0	16
# DAYS LE 32	1	31	26	22	9	1	0	0	0	1	6	22	30	148
# DAYS LE 0	1	11	7	1	0	0	0	0	0	0	0	1	7	27
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.6	2.1	4.8	5.4	8.0	8.0	7.1	9.3	6.6	5.7	4.9	4.3	*
MEAN	2	0.9	0.9	1.8	2.1	3.2	4.0	3.4	3.5	2.4	1.9	1.5	1.0	26.6
MINIMUM	2	0.1	0.1	0.3	0.6	0.6	1.1	0.6	0.4	0.4	#	0.1	0.2	*
MAX 24 HR	2	1.2	1.1	1.6	2.2	2.4	2.9	4.1	7.3	2.6	2.2	2.0	1.4	7.3
# DAYS W/PRECIP	1	18	15	15	15	14	14	11	14	13	12	15	19	175
# DAYS GE 0.5	2	#	#	1	1	2	3	2	2	2	1	1	#	15
3. SNOWFALL (INCHES)														
MEAN	2	11	8	11	3	#	0	0	0	#	1	7	10	51
MAXIMUM	2	46	27	40	22	3	0	0	0	#	4	30	33	*
MAX 24 HR	2	17	9	14	14	3	0	0	0	#	3	11	12	17
# DAYS W/SNOW	1	16	13	9	4	0	0	0	0	0	1	10	17	70
# DAYS GE 1.5	2	2	2	2	1	#	0	0	0	0	#	1	2	10
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	73	74	73	70	74	78	79	81	82	78	77	76	76
RH (15 LST)	1	62	60	55	44	44	47	46	52	52	50	59	65	53
VAPOR PRESS	1	.07	.09	.13	.20	.31	.44	.54	.52	.39	.24	.15	.09	.26
DEWPOINT	1	6	11	21	32	43	54	60	59	50	37	24	11	34
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	NW	NW	NW	N	S	S	S	S	S	NW	NW	NW	NW
MEAN SPEED														
(PVLG DRCIN)	1	12	11	11	11	10	11	10	10	10	11	11	11	11
MEAN SPEED														
(ALL OBS)	1	9	9	10	10	9	9	8	8	9	9	9	9	9
MAX PEAK GUST	1	53	46	44	49	47	56	55	62	45	46	49	40	62
PRESSURE ALT	2	1600	1600	1600	1550	1350	1400	1200	1200	1350	1450	1550	1600	1600
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	5	4	4	4	4	5	5	5	5
DAYS TSIMS	1	#	#	2	4	6	9	9	8	5	2	1	#	46
DAYS FOG LT 7	1	10	10	10	7	7	.5	5	8	8	8	10	11	98
DAYS BNBD LT 7	1	#	#	#	#	#	#	0	#	0	#	#	0	1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(MINNEAPOLIS-ST PAUL IAP, MN)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, DEC 84, PERIOD OF RECORD RANGING FROM 10-39 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	28	26	16	12	8	5	13	15	16	29	35	19
03-05 LST	29	31	29	18	15	11	9	15	20	21	32	34	22
06-08 LST	31	31	32	22	21	14	12	20	23	23	33	35	25
09-11 LST	31	33	33	24	20	16	12	21	26	26	36	36	26
12-14 LST	29	29	31	21	15	11	8	16	22	21	34	36	23
15-17 LST	26	27	27	19	12	8	5	12	14	16	32	33	19
18-20 LST	24	25	25	17	10	6	5	9	13	14	28	33	17
21-23 LST	26	25	25	16	10	6	4	10	12	14	28	33	17
ALL HOURS	28	29	29	19	14	10	8	14	18	19	31	34	21

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	18	19	11	7	5	4	8	11	8	17	24	12
03-05 LST	19	22	20	13	10	7	7	11	14	12	20	23	15
06-08 LST	21	24	23	16	13	8	10	16	17	15	22	25	17
09-11 LST	24	25	23	13	9	6	6	13	16	14	22	28	17
12-14 LST	21	20	17	10	7	3	3	7	9	9	19	25	12
15-17 LST	18	16	15	10	4	3	2	5	6	7	17	22	11
18-20 LST	15	15	14	10	6	3	2	5	8	6	15	22	10
21-23 LST	15	17	15	10	6	3	2	6	8	7	15	22	11
ALL HOURS	19	20	18	12	8	5	4	9	11	10	18	24	13

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	11	14	7	3	3	2	5	6	4	12	16	8
03-05 LST	12	13	15	8	5	4	4	7	8	7	13	18	10
06-08 LST	14	17	17	10	8	5	7	11	12	10	15	18	12
09-11 LST	16	17	15	8	4	2	3	7	9	9	14	19	10
12-14 LST	12	11	12	6	3	2	1	3	5	5	13	14	7
15-17 LST	11	9	10	6	2	2	1	2	3	4	11	14	6
18-20 LST	9	9	10	6	3	2	1	2	4	4	10	14	6
21-23 LST	10	10	10	6	3	2	1	3	5	4	10	15	7
ALL HOURS	12	12	13	7	4	3	2	5	7	6	12	16	8

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	#	#	#	#	1	1	#	1	3	1
03-05 LST	2	2	2	1	#	0	#	1	1	#	1	4	1
06-08 LST	2	3	3	1	#	1	#	1	2	1	2	3	2
09-11 LST	2	2	3	1	#	#	#	#	1	#	2	2	1
12-14 LST	1	1	2	#	#	#	0	#	0	0	1	1	1
15-17 LST	1	1	1	#	0	0	0	0	#	0	1	2	#
18-20 LST	1	1	1	#	0	0	0	0	#	#	1	2	#
21-23 LST	1	1	1	#	0	0	0	#	#	#	1	2	1
ALL HOURS	1	1	2	0	#	#	#	#	1	#	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MINNEAPOLIS-ST PAUL IAP, MN

STATION #: 726580

ICAO: MSP

LOCATION: 4453N 9313W

ELEVATION (FEET): 837

LST = GMT-6

PREPARED BY: USAFETAC/DOC, AUG 1992

PERIOD: 7301-9012 (SOURCE #1)

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	1	1	3	3	3	2	1	#	0	1
03-05 LST	0	0	#	1	1	3	3	4	2	#	#	#	1
06-08 LST	0	#	#	1	1	2	2	3	2	#	0	0	1
09-11 LST	0	0	#	#	1	2	1	2	1	0	#	0	1
12-14 LST	#	#	#	#	1	2	2	1	1	#	0	0	1
15-17 LST	0	0	1	1	2	3	2	2	1	#	#	0	1
18-20 LST	#	#	#	2	3	3	3	2	2	1	#	0	1
21-23 LST	0	#	1	1	2	3	3	3	2	1	#	#	1
ALL HOURS	#	#	#	1	2	3	2	2	2	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	6	9	8	7	5	6	9	7	7	3	6
03-05 LST	2	3	7	8	10	7	5	8	9	6	6	4	6
06-08 LST	3	3	5	10	9	7	5	8	9	8	6	4	6
09-11 LST	1	2	5	7	7	7	4	7	9	7	5	2	5
12-14 LST	1	2	6	8	9	7	3	5	7	7	6	1	5
15-17 LST	1	2	7	11	10	7	3	6	7	7	6	2	6
18-20 LST	#	2	5	10	11	7	5	5	7	7	6	4	6
21-23 LST	1	2	5	9	9	6	4	6	8	7	6	3	6
ALL HOURS	1	2	6	9	9	7	4	6	8	7	6	3	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	15	11	4	#	0	0	0	0	1	10	17	6
03-05 LST	17	15	11	4	0	0	0	0	0	1	12	17	6
06-08 LST	18	16	12	4	#	0	0	0	0	1	12	19	7
09-11 LST	18	15	11	3	#	0	#	#	#	1	12	20	7
12-14 LST	16	12	9	3	#	0	0	0	0	1	10	16	5
15-17 LST	14	12	8	2	#	0	0	0	#	#	9	15	5
18-20 LST	15	14	9	3	#	0	0	0	0	1	10	16	6
21-23 LST	16	14	10	4	#	0	#	0	0	1	10	17	6
ALL HOURS	16	14	10	3	#	0	#	#	#	1	11	17	6

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	3	3	2	1	#	1	1	3	3	2	2
03-05 LST	3	2	3	3	2	1	#	#	1	3	3	2	2
06-08 LST	3	2	3	4	3	2	#	1	2	2	3	2	2
09-11 LST	4	3	8	8	6	5	2	1	3	5	4	2	4
12-14 LST	5	4	10	13	9	8	5	2	5	9	6	4	7
15-17 LST	5	3	10	14	10	8	5	3	5	8	5	3	7
18-20 LST	3	2	5	6	3	4	1	1	1	3	3	3	3
21-23 LST	4	2	4	4	1	2	1	1	1	3	4	3	2
ALL HOURS	4	2	6	7	4	4	2	1	2	5	4	3	4

(MINNEAPOLIS-ST PAUL IAP, MN)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, DEC 84, PERIOD OF RECORD RANGING FROM 10-39 YRS.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	9	13	5	2	2	1	3	5	3	10	14	6
03-05 LST	10	12	12	6	4	3	3	5	7	5	10	15	8
06-08 LST	12	15	14	9	6	4	6	9	10	8	13	16	10
09-11 LST	14	14	13	6	3	2	2	5	6	7	12	16	8
12-14 LST	10	10	10	4	2	1	1	2	4	3	10	12	6
15-17 LST	10	8	9	4	1	1	1	1	3	2	9	12	5
18-20 LST	8	8	9	4	2	1	#	1	3	3	8	12	5
21-23 LST	7	8	9	4	2	1	1	2	3	3	8	13	5
ALL HOURS	10	10	11	5	3	2	2	4	5	4	10	14	7

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	7	2	1	1	1	2	2	1	5	9	3
03-05 LST	7	6	8	3	2	2	1	3	4	3	6	10	4
06-08 LST	8	9	10	5	3	2	3	5	5	4	8	10	6
09-11 LST	10	10	8	4	1	1	1	2	2	3	8	10	5
12-14 LST	7	6	6	2	1	#	1	#	1	1	7	8	3
15-17 LST	5	5	5	2	#	#	#	#	1	1	5	8	3
18-20 LST	4	6	5	2	1	#	#	1	1	1	4	6	3
21-23 LST	5	5	5	2	#	#	#	1	1	1	4	8	3
ALL HOURS	6	7	7	3	1	1	1	2	2	2	6	9	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	4	1	#	#	#	1	1	1	2	5	2
03-05 LST	4	4	5	2	#	1	1	2	2	1	3	5	2
06-08 LST	5	6	7	4	1	1	1	2	3	2	5	5	3
09-11 LST	7	6	6	3	#	1	#	1	1	1	5	7	3
12-14 LST	4	4	4	1	#	#	#	#	#	#	3	5	2
15-17 LST	4	3	3	1	0	#	#	#	#	#	3	5	2
18-20 LST	2	3	3	1	0	#	#	#	#	#	2	3	1
21-23 LST	3	3	3	1	#	0	0	#	#	1	2	4	1
ALL HOURS	4	4	4	2	#	#	#	1	1	1	3	5	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	#	#	#	#	#	#	#	#	1	#
03-05 LST	1	1	2	#	#	#	#	1	1	#	1	2	1
06-08 LST	1	2	2	0	#	#	#	1	1	1	1	2	1
09-11 LST	1	1	1	#	#	0	0	#	#	#	1	1	#
12-14 LST	#	#	#	#	0	#	0	0	0	0	#	1	#
15-17 LST	#	#	#	0	0	0	0	0	0	0	#	1	#
18-20 LST	#	#	1	#	0	0	0	0	0	0	#	1	#
21-23 LST	#	#	#	#	0	0	0	#	0	#	#	1	#
ALL HOURS	1	1	1	#	#	#	#	#	#	#	1	1	#

PREPARED BY: WAPETAC DECEMBER 1981				STATION NAME: KANSAS CITY INTL MO LOCATION: M39 17 W 94 03				PERIOD: Jan 49 - May 81 TLEV: 1025 FT				STN LTRES: MCI 03947 MSC NO: 72446				
AWS CLIMATIC BRIEF																
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				MEAN NUMBER OF DAYS OCCURRENCE OF			
	MEAN				MONTHLY				MONTHLY				PRECIP (IN)			
	MAX				MAX				MAX				≥ 0.1			
	MIN				MIN				MIN				≥ 0.1			
JAN	37	19	28	75	-13	1.3	5.2	.1	1.4	7	31	12	72	60	.08	14
FEB	43	24	34	83	-13	1.2	3.3	.3	1.7	4	21	8	73	60	.11	20
MAR	53	33	43	87	-10	2.6	9.3	.5	2.3	4	29	9	74	57	.17	31
APR	64	46	56	92	12	3.3	6.9	.8	4.5	1	5	5	74	54	.27	42
MAY	74	56	66	97	30	4.6	10.1	2.2	3.2	0	0	0	81	57	.40	53
JUN	85	66	75	105	47	6.7	10.6	1.4	3.4	0	0	0	82	54	.54	61
JUL	84	70	80	112	52	6.3	10.7	.3	3.8	0	0	0	79	52	.62	65
AUG	88	68	78	105	49	4.0	8.7	.3	7.5	0	0	0	81	55	.60	64
SEP	80	60	70	103	36	4.2	11.6	.2	6.8	0	0	0	82	57	.45	56
OCT	70	49	59	97	21	3.3	8.6	.2	3.5	0	0	0	76	52	.28	43
NOV	54	35	45	82	1	1.6	5.5	.8	3.7	1	7	3	75	58	.18	32
DEC	42	25	34	70	-11	1.5	5.0	.1	2.8	4	17	8	74	60	.12	22
ANN	65	46	56	112	-13	36.6	11.6	.9	8.8	23	31	12	77	54	.27	42
REV	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
REMARKS: RUSSMO FOR (1900-1979) A/B AUG ANN HOURLY OBS: Jun 73-May 81 60MM 0/1 0/1 DAILY OBS: Jan 49-May 81 (A) Hurricanes 120MM 0/1 0/1 (B) Tropical Storms 240MM 0/1 0/1																
NOTE: * DATA NOT AVAILABLE ** MAX WIND SPEED OF CLASSIFY % CALM CTR % PLUG DACTS 3 BASED ON < FULL MONTH																
CAY FREQ (%)		HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
CEILING LESS		00-02		25	30	25	18	12	7	4	5	13	12	24	27	19
THAN 100 FT		03-05		26	30	26	21	14	8	6	8	17	15	26	29	17
AND/OR VISIBILITY		06-08		29	30	30	24	20	14	9	14	23	18	32	31	23
LESS THAN 3 MI		09-11		30	31	30	27	20	16	9	13	23	20	34	31	24
		12-14		29	31	29	23	17	12	9	11	19	17	31	30	22
		15-17		25	29	27	19	12	9	5	7	14	13	27	24	18
		18-20		24	24	21	15	8	6	4	7	10	11	24	25	15
		21-23		22	27	22	15	9	6	4	5	10	11	25	24	15
		ALL HRS		26	29	26	20	14	10	7	8	16	15	28	28	19
																6
		00-02		19	19	17	11	7	4	1	3	9	8	15	19	11
		03-05		19	21	19	13	9	5	4	5	12	10	18	22	13
		06-08		22	23	20	15	17	9	7	11	19	14	22	24	17
		09-11		23	22	21	15	12	7	5	9	16	13	22	24	16
		12-14		21	19	16	10	8	3	2	5	8	9	16	21	12
		15-17		18	17	15	9	7	3	1	2	4	7	14	16	9
		18-20		17	17	11	6	5	3	2	2	5	6	13	17	9
		21-23		16	18	11	6	5	3	2	2	4	7	13	18	9
		ALL HRS		19	20	16	11	9	5	3	5	10	9	17	20	12
																6
		00-02		14	13	11	7	5	3	1	2	7	5	11	13	8
		03-05		15	14	13	8	7	3	3	3	10	7	14	15	9
		06-08		16	16	15	9	11	5	4	7	15	10	15	18	12
		09-11		17	16	13	10	6	3	2	6	10	8	17	17	10
		12-14		15	12	11	6	5	2	1	2	4	5	11	14	7
		15-17		11	12	9	5	5	1	1	1	2	4	10	11	6
		18-20		12	12	6	4	4	2	1	1	2	5	10	12	6
		21-23		13	12	7	4	4	2	1	1	2	6	10	13	6
		ALL HRS		14	13	11	7	6	3	2	3	7	6	12	14	8
																6
		00-02		3	2	1	0	1	0	0	0	1	1	2	3	1
		03-05		4	3	2	1	2	0	1	0	2	1	2	3	2
		06-08		4	3	3	2	2	1	0	1	4	1	4	3	2
		09-11		3	3	2	0	0	0	0	0	1	1	2	1	1
		12-14		3	2	1	0	0	0	0	0	0	0	2	1	1
		15-17		1	2	1	0	0	0	0	0	0	0	0	2	1
		18-20		2	2	1	0	0	0	0	0	0	0	1	2	1
		21-23		2	2	1	0	0	0	0	0	1	1	2	1	1
		ALL HRS		3	2	2	0	1	0	0	0	1	1	2	2	6

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RICHARDS-GEBAUR AFB, MO
 LOCATION: 3851N 9433W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 724466
 ELEVATION (FEET): 1093
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: GVV
 LST = GMT-6

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	71	84	85	92	94	104	111	108	102	93	84	71	111
MEAN DAILY MAX	1	36	42	55	66	75	83	90	88	79	67	53	40	65
MEAN	1	29	34	46	58	67	76	82	80	71	59	46	33	57
MEAN DAILY MIN	1	21	25	37	48	57	66	72	69	61	49	37	25	47
EXTREME MIN	1	-17	-9	-7	16	28	44	46	48	34	22	4	-20	-20
# DAYS GE 90	1	0	0	0	#	#	6	17	13	4	#	0	0	40
# DAYS LE 32	1	25	19	10	1	#	0	0	0	0	1	10	22	88
# DAYS LE 0	1	2	1	#	0	0	0	0	0	0	0	0	1	4
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.5	4.4	12.0	8.7	9.8	13.0	12.0	10.0	14.0	9.2	5.7	5.5	*
MEAN	2	1.5	1.2	2.6	3.5	4.3	5.4	3.8	3.3	4.7	3.6	1.8	1.6	37.3
MINIMUM	2	0.1	0.2	0.5	0.7	1.2	1.7	0.2	0.2	0.1	0.2	#	#	*
MAX 24 HR	2	1.7	1.7	1.9	3.4	3.4	4.4	4.2	6.1	5.2	3.8	3.6	3.2	6.1
# DAYS W/PRECIP	1	12	12	13	13	14	11	9	10	10	10	11	12	137
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	7	5	4	1	0	0	0	0	0	#	1	4	21
MAXIMUM	2	26	17	18	8	0	0	0	0	0	#	8	15	*
MAX 24 HR	2	11	11	7	8	0	0	0	0	0	#	6	7	11
# DAYS W/SNOW	1	8	8	4	1	0	0	0	0	0	#	3	6	30
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	73	71	71	69	78	78	76	80	80	75	69	71	74
RH (15 LST)	1	57	55	51	48	52	52	47	49	49	48	54	57	52
VAPOR PRESS	1	.12	.14	.20	.29	.42	.57	.64	.62	.48	.31	.21	.14	.34
DEWPOINT	1	18	22	32	41	52	61	65	64	56	43	33	22	42
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	N	N	S	S	S	S	S	S	S	S	S	S	S
MEAN SPEED (PVLG DRCIN)	1	9	10	10	10	9	8	7	8	8	9	9	9	9
MEAN SPEED (ALL OBS)	1	8	8	9	8	7	6	6	6	6	7	8	8	7
MAX PEAK GUST	2	52	55	56	58	59	58	60	47	44	52	46	51	60
PRESSURE ALT	2	1650	1700	1800	1700	1550	1500	1350	1350	1450	1550	1700	1800	1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)														
CLD COVER	1	4	4	4	4	4	4	3	3	3	3	4	4	4
DAYS TSTMS	1	#	#	3	5	8	9	6	8	5	3	2	1	49
DAYS FOG LT 7	1	9	11	12	8	10	8	6	10	10	10	11	12	117
DAYS ENBD LT 7	1	0	0	#	#	0	0	0	0	0	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(RICHARDS-GEBAUR AFB, MO)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, AUG 85, PERIOD OF RECORD RANGING FROM 10-30 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	26	24	18	10	7	3	1	11	12	26	28	16
03-05 LST	23	26	21	26	14	14	7	10	20	13	21	33	19
06-08 LST	29	32	34	23	23	16	14	22	25	22	34	36	26
09-11 LST	28	35	33	23	21	16	12	17	22	22	33	34	25
12-14 LST	27	31	30	24	20	15	9	14	18	21	30	32	23
15-17 LST	26	30	26	19	14	7	5	8	11	16	28	30	18
18-20 LST	24	28	25	15	10	7	4	6	8	13	24	28	16
21-23 LST	24	27	24	16	10	7	5	5	10	12	24	28	16
ALL HOURS	26	29	27	20	15	11	7	10	16	16	27	31	20

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	23	19	13	8	7	2	1	7	10	19	21	13
03-05 LST	20	23	16	19	12	12	6	10	17	12	19	28	16
06-08 LST	23	26	26	16	18	13	13	20	21	18	27	29	21
09-11 LST	23	28	24	14	12	9	8	13	16	17	25	28	18
12-14 LST	20	23	19	12	7	5	3	8	9	12	20	24	13
15-17 LST	18	21	15	9	5	3	2	5	5	10	17	21	11
18-20 LST	17	21	16	9	6	3	2	4	5	9	16	20	11
21-23 LST	17	20	16	10	5	5	4	4	7	9	16	19	11
ALL HOURS	20	23	19	13	9	7	5	8	11	12	20	24	14

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	16	13	9	4	4	0	1	5	7	15	14	9
03-05 LST	17	18	12	17	8	7	2	5	12	7	15	19	11
06-08 LST	16	20	19	12	11	8	6	13	15	14	17	22	15
09-11 LST	16	21	16	9	8	4	4	8	11	13	18	21	12
12-14 LST	15	16	13	7	4	2	1	3	5	8	13	18	9
15-17 LST	12	16	11	6	3	2	2	2	3	8	12	15	7
18-20 LST	12	15	11	6	3	2	1	2	3	7	12	16	7
21-23 LST	13	14	11	7	3	3	1	2	4	6	12	16	8
ALL HOURS	15	17	13	9	5	4	2	5	7	9	14	17	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	2	1	#	0	0	#	2	2	3	5	2
03-05 LST	4	4	4	4	3	#	1	1	4	1	2	6	3
06-08 LST	4	5	5	3	1	1	1	3	4	3	5	8	4
09-11 LST	3	5	2	#	#	#	#	#	1	1	3	5	2
12-14 LST	3	4	1	#	#	#	0	0	0	1	1	3	1
15-17 LST	2	3	1	#	#	#	#	0	#	#	1	4	1
18-20 LST	2	3	1	#	#	#	#	#	#	1	1	3	1
21-23 LST	3	3	1	1	#	0	#	#	#	1	2	5	1
ALL HOURS	3	4	2	1	1	#	#	1	1	1	2	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RICHARDS-GEBAUR AFB, MO
 LOCATION: 3851N 9433W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 724466
 ELEVATION (FEET): 1093
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: GWV
 LST = GMT-6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	3	6	12	2	3	4	1	1	0	3
03-05 LST	0	1	1	2	6	8	2	5	4	1	2	#	3
06-08 LST	#	0	1	2	3	5	4	3	3	1	#	#	2
09-11 LST	#	0	1	1	3	3	2	3	2	2	1	#	1
12-14 LST	0	0	1	2	4	4	2	2	2	1	1	#	1
15-17 LST	#	#	1	2	5	5	3	3	2	1	1	#	2
18-20 LST	#	#	1	2	5	6	4	4	3	1	#	#	2
21-23 LST	#	#	2	3	5	7	4	4	4	2	1	1	3
ALL HOURS	#	#	1	2	4	6	3	3	3	1	1	#	2

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	5	9	9	12	1	5	7	9	5	8	7
03-05 LST	3	4	4	12	11	7	2	8	5	8	4	7	6
06-08 LST	5	6	11	10	10	7	5	8	8	9	7	8	8
09-11 LST	5	6	11	8	8	7	4	8	7	9	9	8	8
12-14 LST	4	6	10	9	9	6	3	5	5	9	9	6	7
15-17 LST	4	6	9	10	9	6	3	5	5	8	11	6	7
18-20 LST	5	6	10	9	8	7	4	5	6	8	9	8	7
21-23 LST	4	6	11	10	8	5	3	4	7	8	10	8	7
ALL HOURS	4	6	9	10	9	7	3	6	6	8	8	7	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	9	3	1	0	0	0	0	0	0	7	8	3
03-05 LST	10	10	3	#	0	0	0	0	0	0	5	8	3
06-08 LST	8	9	3	1	0	0	0	0	0	#	3	7	3
09-11 LST	10	10	4	1	0	0	0	0	0	#	3	7	3
12-14 LST	8	9	4	1	0	0	0	0	0	#	3	7	3
15-17 LST	8	10	3	1	0	0	0	0	0	0	2	6	3
18-20 LST	9	9	4	1	0	0	0	0	0	0	3	6	3
21-23 LST	10	9	5	1	0	0	0	0	0	0	3	6	3
ALL HOURS	9	9	4	1	0	0	0	0	0	#	4	7	3

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	5	2	0	#	0	0	#	0	2	2	1
03-05 LST	3	1	3	3	#	#	#	0	#	1	2	1	1
06-08 LST	2	1	4	2	1	1	#	#	#	1	2	1	1
09-11 LST	3	3	6	6	2	2	#	#	1	2	4	3	3
12-14 LST	4	3	8	8	3	2	#	1	2	4	5	4	4
15-17 LST	3	4	6	5	3	2	#	1	2	2	3	2	3
18-20 LST	2	2	3	2	1	1	#	#	1	1	1	2	1
21-23 LST	2	2	2	2	#	#	#	#	0	#	1	2	1
ALL HOURS	3	2	5	4	1	1	#	#	1	1	2	2	2

(RICHARDS-GEBAUR AFB, MO)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, AUG 85, PERIOD OF RECORD RANGING FROM 10-30 YRS.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	15	12	8	4	3	0	1	5	7	13	13	8
03-05 LST	13	17	12	15	8	7	2	5	12	6	14	18	11
06-08 LST	15	19	17	11	10	7	6	13	14	13	16	20	13
09-11 LST	15	19	14	8	6	4	4	7	10	12	15	19	11
12-14 LST	13	14	11	6	3	2	1	3	4	7	11	16	7
15-17 LST	10	14	9	5	3	1	1	1	3	7	10	13	6
18-20 LST	11	14	9	5	3	2	1	2	2	6	10	15	7
21-23 LST	12	13	10	6	3	2	1	2	3	6	10	14	7
ALL HOURS	13	16	12	8	5	4	2	4	7	8	13	16	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	5	4	1	2	0	1	4	4	7	9	5
03-05 LST	8	13	7	9	5	4	2	4	8	4	11	13	7
06-08 LST	10	15	13	8	6	5	4	9	10	9	11	15	10
09-11 LST	11	14	10	5	3	2	2	3	6	7	10	14	7
12-14 LST	9	11	6	3	1	1	1	1	2	4	7	11	5
15-17 LST	7	11	5	2	1	1	1	1	1	4	7	9	4
18-20 LST	8	11	5	3	2	1	1	1	1	4	6	9	4
21-23 LST	8	10	5	3	2	1	#	1	2	3	7	11	4
ALL HOURS	9	12	7	5	3	2	1	3	4	5	8	11	6

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	2	3	#	1	0	1	3	3	3	8	3
03-05 LST	6	9	5	6	4	1	1	2	5	2	5	10	5
06-08 LST	7	9	7	4	2	2	2	4	6	6	7	10	6
09-11 LST	6	9	5	2	1	#	#	1	2	3	6	9	4
12-14 LST	6	7	3	1	1	#	#	#	#	2	3	6	2
15-17 LST	4	6	2	1	#	#	#	0	#	1	3	6	2
18-20 LST	4	7	2	1	1	#	#	#	1	2	3	6	2
21-23 LST	5	6	3	1	1	#	#	#	1	2	3	7	2
ALL HOURS	5	8	4	2	1	1	1	1	2	3	4	8	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	0	0	0	0	1	1	1	3	1
03-05 LST	1	1	2	4	1	0	0	0	4	#	2	4	2
06-08 LST	2	4	3	2	#	#	#	1	2	1	3	4	2
09-11 LST	2	3	1	#	0	0	0	0	#	#	1	2	1
12-14 LST	1	2	#	#	0	0	0	0	0	#	#	1	#
15-17 LST	1	1	#	0	0	0	#	0	0	#	#	2	#
18-20 LST	1	1	#	0	#	0	0	0	#	#	1	2	#
21-23 LST	2	2	1	#	#	0	0	0	#	1	1	2	1

A W S CLIMATIC BRIEF NOV 92	STATION NAME: WHITEMAN AFB/KNOB NOSTER MO												FIELD ELEV: 869 FT	
	LATITUDE/LONGITUDE: 38 44 N 093 33 W												STATION MSC: 724467	
	HOURLY OBS POR: NOV 81 - OCT 91												CALL SIGN: KSZL	
	SUMMARY OF DAY POR: DEC 42-SEP 46, JUN 54-SEP 91												SUPERSEDES: FEB 87	
	HOURS SUMMARIZED: 0000 - 2300 LST													
	LST TO UTC: +06													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	73	82	86	92	94	103	107	106	101	94	82	72	107	43
MEAN MAX TEMP (F)	37	43	53	66	75	83	89	87	79	68	54	41	65	43
MEAN TEMP (F)	29	34	44	56	65	74	79	77	69	58	45	33	55	43
MEAN MIN TEMP (F)	20	24	34	45	55	64	69	66	59	47	35	25	46	43
EXTRM MIN TEMP (F)	-19	-10	-6	19	31	41	47	46	33	23	4	-18	-19	43
D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	1	#	0	0	0	3	43
D/W TEMP GE 90 (F)	0	0	0	1	1	6	15	13	4	1	0	0	41	43
D/W TEMP LT 33 (F)	27	21	15	2	#	0	0	0	0	1	12	24	102	43
D/W TEMP LT 10 (F)	6	3	1	0	0	0	0	0	0	0	1	3	14	43
HEATING DEGREE DAYS	1115	882	655	292	88	7	#	1	50	247	594	974	4905	37
COOLING DEGREE DAYS	0	0	3	27	105	270	436	376	177	33	1	0	1428	37
MEAN DEWPOINT TEMP (F)	20	23	33	40	54	63	66	64	56	44	34	22	43	10
MEAN WET BULB TEMP (F)	27	30	40	48	58	67	70	68	61	50	40	28	49	10
99.95% WCPA (FT)	1400	1450	1600	1450	1300	1150	1050	1100	1200	1250	1500	1450	1400	10
MEAN REL HUM 07 LST(%)	71.1	72.8	74.5	70.8	78.6	79.4	77.6	79.0	78.8	75.5	74.0	74.0	75.5	10
MEAN REL HUM 13 LST(%)	57.4	57.8	54.0	50.6	58.0	58.9	54.5	54.0	53.8	53.1	56.5	61.5	55.8	10
MAX 24HR PRECIP (IN)	2.43	1.99	2.27	4.70	3.86	3.37	6.71	6.70	5.88	3.79	3.74	2.55	6.71	41
MAX PRECIP (IN)	5.15	4.59	8.90	9.58	10.81	15.58	14.01	11.70	19.42	7.98	11.73	6.57	60.25	41
MEAN PRECIP (IN)	1.48	1.60	3.08	3.92	4.83	4.82	3.74	4.10	4.28	3.55	2.45	2.08	40.13	41
MIN PRECIP (IN)	.05	.14	.66	.68	1.04	.41	.24	.30	.32	.19	#	.25	19.94	41
D/W PRECIP GE .01 (IN)	7	7	10	10	11	10	8	8	9	8	7	8	103	41
D/W PRECIP GT .50 (IN)	1	1	2	3	3	3	2	3	2	2	2	1	25	41
MAX 24HR SNFL (IN)	13.1	10.0	8.0	5.3	0	0	0	0	0	#	13.0	14.4	14.4	38
MAX SNFL (IN)	29.7	22.2	22.9	5.8	0	0	0	0	0	#	15.0	17.1	46.7	38
MEAN SNFL (IN)	6.4	6.0	3.5	.6	0	0	0	0	0	#	1.3	4.7	23.0	38
D/W SNFL GE .1 (IN)	4	3	2	1	0	0	0	0	0	0	1	3	14	38
D/W SNFL GE 1.5 (IN)	1	1	1	1	0	0	0	0	0	0	1	1	6	38
MAX DLY SNO DEPTH (IN)	17	12	13	4	0	0	0	0	0	0	14	14	17	38
PRVLNG WND DIR (DEG)	20-22	35-01	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	10
MEAN WND SPD (KTS)	7	7	8	7	6	5	5	4	5	6	7	7	6	10
MAX WND SPD (KTS)	45	69	65	60	51	67	60	46	47	58	52	52	69	37
SKY COVER GT 5/10 (%)	52.4	59.4	62.4	53.6	57.5	53.2	41.8	43.4	43.3	49.8	55.1	58.3	52.5	10
D/W THUNDERSTORMS	1	1	3	6	9	9	8	8	6	4	2	1	58	41
D/W FOG (VSBY LT 7 MI)	11	11	11	9	9	8	8	10	10	9	10	12	118	41
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	25.9	26.0	25.2	15.3	10.2	5.6	2.7	7.1	7.7	14.8	26.1	28.1	16.2	10
	03 - 05	25.3	29.4	26.5	18.1	15.6	8.9	6.3	12.5	11.6	16.6	27.2	29.6	19.0	10
	06 - 08	28.9	31.7	30.3	18.3	18.9	11.3	8.4	17.3	17.3	20.2	31.1	33.1	22.2	10
	09 - 11	28.8	30.1	30.2	19.7	20.4	9.9	7.0	12.2	18.6	20.0	30.3	32.2	21.6	10
	12 - 14	27.0	24.8	28.3	19.2	16.3	7.6	4.9	10.1	15.1	20.3	29.0	31.8	19.5	10
	15 - 17	24.2	24.3	23.2	15.1	11.7	5.1	3.2	7.3	9.2	18.3	26.0	30.5	16.5	10
	18 - 20	24.7	23.3	21.3	14.9	7.6	3.9	2.4	5.1	4.9	13.9	25.4	27.5	14.6	10
	21 - 23	23.9	22.8	22.2	14.0	8.5	5.0	1.8	4.5	6.0	14.1	24.4	28.0	14.6	10
	ALL	26.1	26.6	25.9	16.8	13.7	7.2	4.6	9.5	11.3	17.3	27.5	30.1	18.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	17.3	19.4	13.2	8.2	6.2	3.3	1.9	5.5	6.1	11.0	16.8	21.2	10.8	10
	03 - 05	17.7	21.3	15.3	11.0	11.0	7.2	4.6	10.3	9.8	12.7	18.7	21.0	13.4	10
	06 - 08	19.0	25.1	19.8	12.4	14.2	9.7	6.1	15.2	12.4	15.3	22.4	24.2	16.3	10
	09 - 11	18.4	22.1	19.5	11.6	10.8	4.8	3.2	8.5	10.8	15.7	21.0	23.8	14.2	10
	12 - 14	17.2	16.7	13.8	9.2	7.3	3.2	1.2	4.2	6.0	12.6	17.3	22.2	10.9	10
	15 - 17	16.2	14.2	10.5	8.7	5.2	2.9	1.3	3.3	4.0	9.1	15.9	20.6	9.3	10
	18 - 20	14.7	14.5	10.3	6.8	3.5	1.7	1.1	1.9	2.6	7.4	16.2	20.6	8.4	10
	21 - 23	15.8	17.0	11.5	6.4	3.8	2.8	.9	2.9	3.6	9.1	15.0	20.8	9.1	10
	ALL	17.1	18.8	14.2	9.3	7.7	4.4	2.5	6.5	6.9	11.6	17.9	21.8	11.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	13.4	14.7	9.8	5.7	4.2	1.9	1.2	4.6	4.1	8.2	13.6	17.2	8.2	10
	03 - 05	13.7	17.5	10.2	7.1	8.7	4.8	2.7	7.6	7.4	9.9	13.9	17.4	10.1	10
	06 - 08	14.1	20.6	13.7	8.1	10.2	6.8	2.9	11.5	9.2	12.2	16.4	18.5	12.0	10
	09 - 11	14.1	18.0	14.1	8.1	5.5	2.8	1.2	5.5	5.9	12.7	14.6	20.2	10.2	10
	12 - 14	12.3	13.2	8.1	5.7	3.5	1.6	.5	2.7	2.1	7.7	12.6	17.2	7.3	10
	15 - 17	10.5	12.3	6.8	4.2	2.2	1.6	.5	.9	1.8	6.7	11.1	15.1	6.1	10
	18 - 20	11.3	12.6	6.2	4.1	1.5	1.1	.4	.6	1.7	6.0	11.8	14.6	6.0	10
	21 - 23	11.5	13.4	7.7	4.2	2.4	2.0	.8	2.3	2.9	7.2	12.3	16.2	6.9	10
	ALL	12.6	15.3	9.6	5.9	4.8	2.8	1.3	4.5	4.4	8.8	13.3	17.1	8.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.7	2.4	.2	.4	.5	.0	.0	.6	.7	.6	.8	3.0	.9	10
	03 - 05	2.2	3.4	.0	1.2	1.4	.4	.0	1.1	1.4	1.1	1.3	3.8	1.4	10
	06 - 08	2.3	3.1	1.2	.8	1.2	.8	.0	1.4	1.7	1.3	.7	4.0	1.5	10
	09 - 11	2.2	3.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	1.8	.6	10
	12 - 14	.4	1.7	.0	.0	.1	.0	.0	.0	.0	.0	.7	.9	.3	10
	15 - 17	1.1	2.0	.0	.0	.0	.2	.0	.2	.0	.3	.1	1.0	.4	10
	18 - 20	1.7	1.2	.1	.4	.0	.0	.0	.0	.0	.6	.2	1.6	.5	10
	21 - 23	1.0	1.9	.1	.0	.0	.0	.0	.2	.3	.8	.7	3.1	.7	10
	ALL	1.6	2.3	.2	.4	.4	.2	.0	.4	.5	.6	.6	2.4	.8	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @															

A W S CLIMATIC BRIEF FEB 89	STATION NAME: MALMSTROM AFB MT												FIELD ELEV: 3526 FT		
	LATITUDE/LONGITUDE: 47 30 N 111 11 W												STATION MSC: 727755		
	HOURLY OBS POR: JUN 78 - MAY 88												CALL SIGN: KGFA		
	SUMMARY OF DAY POR: DEC 42 - SEP 45, DEC 45 - MAY 88												SUPERSEDES: MAR 84		
	HOURS SUMMARIZED: 0000 - 2300 LST														
	LST TO UTC: +07														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	65	70	76	90	93	96	105	106	103	90	76	64	106	48	
MEAN MAX TEMP (F)	30	37	42	55	64	72	82	81	69	59	44	35	56	48	
MEAN TEMP (F)	21	27	32	44	53	61	69	68	57	48	34	26	45	48	
MEAN MIN TEMP (F)	12	17	22	33	42	49	55	54	45	36	25	17	34	48	
EXTRM MIN TEMP (F)	-36	-29	-31	-9	14	29	35	36	20	-7	-23	-44	-44	48	
D/W TEMP GE 90 (F)	0	0	0	#	#	1	7	6	1	#	0	0	15	48	
D/W TEMP GE 80 (F)	0	0	0	1	3	8	20	18	7	1	0	0	58	48	
D/W TEMP LT 33 (F)	27	24	24	14	3	1	0	0	2	10	21	26	152	48	
D/W TEMP LT 0 (F)	9	5	3	#	0	0	0	0	0	#	2	5	24	48	
HEATING DEGREE DAYS	1347	1053	1003	619	361	153	33	48	255	518	905	1192	7487	45	
COOLING DEGREE DAYS	0	0	0	#	10	41	152	132	29	2	0	0	366	45	
MEAN DEWPOINT TEMP (F)	11	15	22	26	35	42	45	44	36	30	19	12	28	10	
MEAN WET BULB TEMP (F)	21	24	31	38	46	52	56	55	47	40	28	21	38	10	
99.95% WCPA (FT)	4000	4000	3950	3950	3850	3750	3650	3700	3850	3850	4000	4000	3900	10	
MEAN REL HUM 07 LST(%)	58.6	61.2	63.4	57.7	61.7	59.6	58.1	58.0	62.9	63.5	61.0	60.7	60.5	10	
MEAN REL HUM 13 LST(%)	49.8	49.8	47.7	35.9	40.4	38.1	34.5	33.5	40.4	41.4	48.1	52.5	42.6	10	
MAX 24HR PRECIP (IN)	1.11	.73	1.23	2.02	2.05	3.12	1.90	2.00	1.54	1.27	3.19	1.30	3.19	48	
MAX PRECIP (IN)	2.46	1.65	2.49	3.31	6.55	5.57	4.15	4.89	4.07	2.79	3.93	2.01	21.90	48	
MEAN PRECIP (IN)	.70	.56	.87	1.03	2.42	2.73	1.29	1.36	1.19	.76	.67	.69	14.38	48	
MIN PRECIP (IN)	#	.01	.09	.06	.31	.24	#	.06	.10	#	.02	.02	6.64	48	
D/W PRECIP GE .01 (IN)	8	7	8	8	10	11	7	7	7	6	6	7	92	48	
D/W PRECIP GT .50 (IN)	1	#	1	1	1	2	1	1	1	1	#	#	10	48	
MAX 24HR SNFL (IN)	8.1	9.8	15.0	14.5	11.1	4.0	#	#	6.3	7.7	9.5	6.4	15.0	42	
MAX SNFL (IN)	23.4	21.5	23.0	20.6	19.3	4.5	#	#	10.0	13.5	20.4	21.2	98.5	42	
MEAN SNFL (IN)	8.9	6.8	8.7	5.7	1.3	.2	#	#	1.2	3.0	6.8	8.2	51.1	42	
D/W SNFL GE .1 (IN)	8	6	7	4	1	#	0	0	1	2	5	7	41	42	
D/W SNFL GE 1.5 (IN)	2	1	2	1	1	#	0	0	1	1	2	2	13	42	
MAX DLY SNO DEPTH (IN)	18	18	15	17	9	4	0	0	4	5	13	16	18	42	
PRVING WND DIR (DEG)	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	23-25	10	
MEAN WND SPD (KTS)	9	8	8	8	7	7	6	6	6	7	8	9	7	10	
MAX WND SPD (KTS)	59	61	59	63	59	78	58	67	57	62	69	57	78	41	
SKY COVER GT 5/10 (%)	60.0	69.0	71.0	62.8	63.0	57.6	43.0	43.9	51.0	53.2	61.0	64.0	58.5	10	
D/W THUNDERSTORMS	0	#	#	1	3	7	7	6	1	1	0	#	26	39	
D/W FOG (VSBY LT 7 MI)	8	7	7	5	3	2	1	1	2	3	5	7	51	39	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	11.1	14.4	17.0	10.2	8.1	2.3	1.4	1.8	11.2	8.1	11.9	10.4	9.0	10
	03 - 05	11.6	12.7	19.9	10.7	9.6	2.8	3.2	2.3	13.8	9.1	13.2	10.0	9.9	10
	06 - 08	12.4	15.0	20.4	11.1	11.4	4.2	3.3	3.2	12.6	10.0	15.0	10.0	10.7	10
	09 - 11	12.4	13.8	17.1	11.6	13.2	4.1	2.6	3.8	11.8	8.8	13.6	10.5	10.3	10
	12 - 14	10.5	10.5	17.4	8.6	11.9	2.1	1.6	3.1	9.9	7.5	11.9	10.2	8.8	10
	15 - 17	8.8	8.4	13.0	7.1	9.1	1.0	1.6	2.7	8.3	6.0	11.1	9.0	7.2	10
	18 - 20	10.3	9.8	12.6	7.1	6.9	1.8	1.3	1.7	8.6	7.6	12.3	7.1	7.3	10
	21 - 23	10.8	13.1	15.2	7.9	6.6	1.1	1.0	2.0	10.1	6.8	12.4	7.8	7.9	10
	ALL	11.0	12.2	16.6	9.3	9.6	2.4	2.0	2.6	10.8	8.0	12.7	9.4	8.9	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	7.3	11.7	11.4	7.3	6.1	.8	1.1	1.0	7.8	5.4	8.0	7.1	6.2	10
	03 - 05	7.8	10.2	15.6	7.3	6.6	1.1	2.4	1.4	9.9	6.3	9.4	6.9	7.1	10
	06 - 08	8.5	11.7	17.7	7.2	8.7	2.2	2.0	2.0	7.9	7.0	10.4	6.1	7.6	10
	09 - 11	9.5	10.2	14.2	7.6	8.2	1.9	1.5	2.0	6.8	5.7	10.7	7.2	7.1	10
	12 - 14	8.4	8.1	11.6	5.0	5.9	1.0	1.3	1.4	5.8	4.5	9.6	6.8	5.8	10
	15 - 17	7.2	4.9	7.6	2.1	3.4	.4	1.1	.3	4.7	3.8	9.1	6.8	4.3	10
	18 - 20	7.1	6.9	7.0	3.4	2.8	.6	.6	.0	4.2	4.0	9.6	5.2	4.3	10
	21 - 23	7.7	9.9	9.4	5.2	4.2	.2	.5	.4	6.2	3.5	8.7	5.5	5.1	10
	ALL	7.9	9.2	11.8	5.7	5.7	1.0	1.3	1.1	6.7	5.0	9.4	6.4	5.9	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	4.6	9.1	8.4	5.7	4.4	.6	.2	.1	7.0	2.8	6.9	5.1	4.6	10
	03 - 05	6.1	8.2	11.8	5.9	5.1	.7	1.1	.9	8.2	3.9	7.8	4.8	5.4	10
	06 - 08	5.8	8.8	14.2	6.1	5.7	1.7	.8	1.2	6.0	4.8	8.6	4.1	5.6	10
	09 - 11	7.3	8.6	11.2	5.4	4.1	.6	1.2	.9	5.2	3.5	8.7	4.8	5.1	10
	12 - 14	5.3	6.0	7.4	3.2	3.0	.2	.9	.4	3.2	2.7	7.3	5.1	3.7	10
	15 - 17	5.2	3.5	5.2	1.4	1.9	.2	1.1	.1	2.3	2.4	5.7	4.0	2.7	10
	18 - 20	4.6	5.4	5.1	2.4	1.5	.2	.5	.0	2.2	2.2	7.0	3.3	2.9	10
	21 - 23	4.5	8.0	6.6	3.7	2.6	.0	.1	.0	4.2	2.3	7.2	4.0	3.6	10
	ALL	5.4	7.2	8.7	4.2	3.5	.5	.7	.4	4.8	3.1	7.4	4.4	4.2	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.6	1.9	1.0	.1	.0	.0	.0	.0	.0	.3	.1	.4	.4	10
	03 - 05	1.4	1.6	1.9	.2	.0	.0	.3		.7	.6	.7	.5	.7	10
	06 - 08	1.4	1.5	2.4	.6	.0	.0	.1		.0	1.1	.7	.2	.7	10
	09 - 11	1.2	2.0	1.5	.1	.0	.0	.0		.0	.4	.6	.9	.6	10
	12 - 14	.2	.6	1.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.2	10
	15 - 17	.3	.5	.3	.0	.0	.0	.1	.0	.0	.0	.3	.3	.1	10
	18 - 20	.9	1.3	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	.2	10
	21 - 23	1.2	1.2	.2	.0	.2	.0	.0	.0	.0	.0	.1	.0	.2	10
	ALL	.9	1.3	1.1	.1	.1	.0	.1	.0	.1	.3	.3	.4	.4	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @															

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LINCOLN NE
 LOCATION: 40°51'N, 96°45'W
 PREPARED BY: USAFETAC/ECR, MAR 1988

STATION #: 725510
 ELEVATION (FEET): 1214
 PERIOD: VARIED

ICAO ID: KLNK
 LST - GMT -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	73	84	.90	91	106	111	117	115	110	98	82	76	117
MEAN DLY MAX 1-2	31	37	51	64	74	85	91	87	78	66	49	36	62
MEAN 1-2	20	26	39	52	62	72	79	75	65	53	37	25	50
MEAN DLY MIN 1-2	11	17	29	41	50	61	67	64	55	42	28	17	40
EXTREME MIN 1-2	-33	-24	-19	3	25	38	42	40	26	12	-5	-27	-33
# DAYS > 90° 1-2	0	0	#	#	#	9	19	13	4	#	0	0	45
# DAYS > 32 1-2	30	25	18	6	1	0	0	0	1	5	19	30	134
# DAYS > 0 1-2	7	4	1	0	0	0	0	0	0	0	#	3	15
2. PRECIPITATION (INCHES)													
MAXIMUM 2	1.59	1.26	6.65	7.21	7.97	7.67	6.93	8.57	7.52	5.40	3.81	3.42	8.57
MEAN 2	.64	1.01	1.94	2.81	3.84	3.84	3.20	3.42	2.93	1.68	.96	.65	26.92
MINIMUM 2	#	0.08	.49	1.09	2.07	.63	.37	.07	.29	.01	.03	.04	#
MAX 24 HR 2	.76	.84	1.82	2.34	3.31	4.24	4.66	2.98	3.52	4.29	1.93	2.28	4.46
# DAYS > 0.01 2	6	6	9	10	11	8	8	9	8	7	6	5	93
# DAYS > 0.5 2	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 2	9.4	6.8	11.0	1.2	*	*	*	*	*	#	3.7	2.9	35.0
MAXIMUM 2	14.6	13.8	17.0	7.2	*	*	*	*	0.8	3.3	8.6	19.8	19.8
MAX 24 HR 2	8.0	7.7	8.3	4.2	*	*	*	*	0.8	3.3	7.7	10.4	10.4
# DAYS > 0.1 2	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.0 2	2.1	2.1	1.8	0.5	*	*	*	*	*	#	1.0	1.9	9.4
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST) 1	76	80	81	80	83	82	81	85	84	81	81	80	81
RH (15 LST) 1	60	61	54	50	51	47	45	50	50	49	54	60	53
VAPOR PRESS 1	.09	.12	.17	.26	.39	.52	.62	.60	.45	.28	.18	.11	.32
DEWPOINT 1	12	18	28	39	50	59	64	63	54	41	28	18	40
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	N	N	N	N	S	S	S	S	S	S	N	N	S
MEAN SPEED (PVLG DRCTN) 1	11	11	11	11	11	10	10	10	10	10	10	11	11
MEAN SPEED (ALL OBS) 1	9	9	10	11	9	9	9	8	9	9	9	9	9
MAX (PK GST) 1	47	48	52	56	45	73	52	69	42	45	47	46	73
PRESSURE ALT 1	1890	2200	2150	2010	2020	1750	1830	1800	1630	1720	1840	1950	2200
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	4	4	4	4	3	3	3	3	3	4	4	4
DAYS TSMTS 1	#	#	2	5	7	8	7	7	5	2	1	#	44
DAYS FOG < 7 1	8	10	13	10	10	6	5	9	8	9	10	11	109
DAYS BNBD < 7 1	#	#	#	#	#	0	#	#	0	#	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 73-86
 2. NATIONAL CLIMATIC CENTER, POR 45 YEARS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	33	26	18	11	6	5	10	13	15	26	26	18
03-05 LST	24	33	29	23	16	10	8	13	15	20	30	25	20
06-08 LST	23	34	32	27	22	14	12	17	18	25	31	28	24
09-11 LST	22	34	34	30	20	15	11	15	20	25	30	29	24
12-14 LST	22	32	32	26	19	11	10	13	16	22	27	26	21
15-17 LST	21	29	28	22	12	7	6	8	12	16	23	23	17
18-20 LST	20	27	25	17	9	4	4	6	10	13	22	24	15
21-23 LST	20	27	24	16	10	5	5	7	11	14	24	25	16
ALL HOURS	22	31	29	22	15	9	8	11	14	19	26	26	19

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	25	18	12	7	4	4	9	8	10	20	21	13
03-05 LST	15	26	22	15	11	6	6	11	11	14	21	20	15
06-08 LST	15	26	26	18	16	10	9	15	15	18	23	22	18
09-11 LST	15	25	26	17	12	6	8	10	13	17	23	22	16
12-14 LST	14	22	18	13	8	3	3	5	7	12	17	20	12
15-17 LST	13	21	16	10	6	1	2	2	5	10	12	15	9
18-20 LST	12	19	16	10	5	2	2	3	5	9	13	16	9
21-23 LST	13	21	15	10	5	3	3	5	5	10	15	19	10
ALL HOURS	14	23	20	13	9	4	5	7	9	13	18	19	13

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	19	13	8	5	2	3	7	5	9	13	16	9
03-05 LST	10	19	17	10	8	4	4	8	7	10	15	15	11
06-08 LST	11	20	21	12	11	7	7	10	11	13	16	16	13
09-11 LST	10	19	19	12	8	3	4	6	9	11	17	17	11
12-14 LST	9	16	14	8	5	1	1	2	4	8	12	13	8
15-17 LST	7	14	11	6	3	1	1	1	3	7	9	11	6
18-20 LST	8	14	12	7	3	1	1	1	3	6	9	11	6
21-23 LST	8	15	11	6	4	2	2	3	3	8	10	14	7
ALL HOURS	9	17	15	8	6	3	3	5	6	9	13	14	9

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	4	3	#	1	0	#	#	0	1	2	3	1
03-05 LST	1	5	4	1	1	1	#	1	1	2	3	3	2
06-08 LST	2	5	5	2	1	#	#	2	1	2	4	4	2
09-11 LST	1	4	4	1	#	0	0	#	#	1	2	4	1
12-14 LST	1	2	2	#	0	#	0	#	#	#	1	2	1
15-17 LST	1	2	1	#	0	#	0	0	0	#	1	2	1
18-20 LST	1	2	1	#	#	#	0	0	0	#	1	2	1
21-23 LST	1	3	1	#	#	#	0	#	0	1	2	3	1
ALL HOURS	1	3	3	#	#	#	#	#	#	1	2	3	1

ECR-WFS-3

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: LINCOLN NE
LOCATION: 40°51'N, 96°46'W
PREPARED BY: USAFETAC/ECR, MAR 1988

STATION #: 725510
ELEVATION (FEET): 1214
PERIOD: VARIED

ICAO ID: KLNK
LST = GMT -6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	2	3	3	4	5	4	1	#	#	2
03-05 LST	#	#	1	2	3	5	5	5	3	2	#	0	2
06-08 LST	#	#	#	1	2	2	3	3	1	#	#	0	1
09-11 LST	0	#	#	1	2	1	1	1	1	#	#	0	1
12-14 LST	0	0	#	1	1	1	#	1	1	#	0	#	#
15-17 LST	0	0	#	1	2	2	1	1	1	1	#	0	1
18-20 LST	0	#	#	2	3	2	2	2	2	1	#	0	1
21-23 LST	0	0	1	2	3	5	4	2	3	1	#	#	2
ALL HOURS	#	#	#	2	2	3	3	2	2	1	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	8	9	8	5	5	6	7	7	6	4	6
03-05 LST	2	3	8	9	9	7	7	7	8	8	5	4	6
06-08 LST	1	4	8	10	8	4	5	7	6	7	7	4	6
09-11 LST	1	3	8	9	8	2	4	5	6	7	6	3	5
12-14 LST	1	3	8	8	8	3	3	3	5	5	6	3	5
15-17 LST	1	3	9	9	7	3	3	2	7	6	5	3	5
18-20 LST	2	3	9	9	8	4	3	3	5	6	6	4	5
21-23 LST	2	3	8	8	9	5	4	3	6	8	5	3	5
ALL HOURS	1	3	8	9	8	4	4	5	6	7	6	3	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	11	4	2	0	0	0	0	0	#	4	7	3
03-05 LST	11	12	5	2	0	0	0	0	0	#	5	7	3
06-08 LST	10	10	6	1	0	0	0	0	#	#	5	7	3
09-11 LST	10	11	6	2	0	0	0	0	#	1	5	8	3
12-14 LST	9	10	5	2	0	0	0	0	#	#	5	6	3
15-17 LST	7	8	4	2	0	0	0	0	0	#	3	6	3
18-20 LST	8	9	5	3	0	0	0	0	0	#	3	7	3
21-23 LST	11	8	5	2	0	0	0	0	0	#	4	7	3
ALL HOURS	10	10	5	2	0	0	0	0	#	#	4	7	3

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	5	6	2	2	1	1	1	2	4	4	3
03-05 LST	5	4	6	5	2	2	1	#	1	1	4	4	3
06-08 LST	4	3	6	7	3	3	2	1	1	2	4	5	3
09-11 LST	5	6	11	18	8	7	3	3	6	6	7	7	7
12-14 LST	8	7	17	22	11	9	7	6	9	12	10	11	11
15-17 LST	6	7	15	21	9	9	8	6	7	10	7	6	9
18-20 LST	5	4	6	9	4	4	2	2	1	3	3	4	4
21-23 LST	4	4	6	8	3	2	1	1	1	3	4	3	3
ALL HOURS	5	5	9	12	5	5	3	2	3	5	5	5	5

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 73-86
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	17	11	6	4	2	2	5	4	8	12	13	8
03-05 LST	9	17	15	8	7	4	4	7	6	9	13	13	9
06-08 LST	10	17	19	9	9	5	6	8	10	11	15	13	11
09-11 LST	8	17	17	9	5	2	3	5	6	8	14	14	9
12-14 LST	7	13	11	7	3	1	1	1	3	7	10	11	6
15-17 LST	6	11	9	5	2	1	#	#	2	5	8	9	5
18-20 LST	6	11	10	6	3	#	1	1	3	5	7	10	5
21-23 LST	6	13	9	4	3	1	2	2	2	7	9	12	6
ALL HOURS	8	15	13	7	5	2	2	4	4	8	11	12	7

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	11	7	3	3	1	1	2	2	6	8	9	5
03-05 LST	5	11	9	4	4	3	1	3	3	6	9	9	6
06-08 LST	6	12	12	5	5	3	3	5	5	7	10	9	7
09-11 LST	5	12	11	4	2	1	1	2	3	5	9	9	5
12-14 LST	5	10	7	3	1	#	#	#	1	4	6	7	4
15-17 LST	4	7	6	3	1	#	0	0	1	3	5	6	3
18-20 LST	4	6	6	2	1	#	#	#	1	3	5	7	3
21-23 LST	3	8	6	2	1	1	1	#	1	4	6	8	3
ALL HOURS	5	10	8	3	2	1	1	2	2	5	7	8	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	6	4	1	1	#	#	1	#	3	4	5	2
03-05 LST	3	7	6	2	2	1	#	2	2	3	5	6	3
06-08 LST	3	7	7	3	2	1	1	3	3	4	6	6	4
09-11 LST	3	8	7	2	#	#	#	#	1	2	5	6	3
12-14 LST	3	6	4	1	#	#	#	#	#	1	2	5	2
15-17 LST	2	4	3	1	#	#	0	0	#	1	2	5	2
18-20 LST	2	3	3	1	#	#	0	#	0	1	2	4	1
21-23 LST	2	4	3	1	1	#	0	#	#	2	3	5	2
ALL HOURS	3	6	5	2	1	#	#	1	1	2	4	5	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	3	2	#	#	0	0	#	0	1	2	2	1
03-05 LST	1	4	3	#	1	#	0	1	1	1	2	2	1
06-08 LST	1	4	4	1	1	#	#	1	1	2	2	2	2
09-11 LST	1	2	1	#	0	0	0	#	#	#	1	2	1
12-14 LST	#	1	#	0	0	0	0	0	0	0	#	#	#
15-17 LST	#	#	0	0	0	#	0	0	0	0	#	1	#
18-20 LST	#	1	#	0	#	0	0	0	0	0	1	1	#
21-23 LST	#	2	1	0	#	#	0	0	0	#	1	1	#
ALL HOURS	0	2	1	#	#	#	#	#	#	1	1	1	1

ECR-WFS-3a

A W S	STATION NAME: OFFUTT AFB NE	FIELD ELEV: 1048 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 41 07 N 095 54 W	STATION MSC: 725540
	HOURLY OBS POR: MAR 79 - FEB 89	CALL SIGN: KOFF
	SUMMARY OF DAY POR: JAN 48 - FEB 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERCEDES: AUG 84
NOV 89	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	67	77	88	92	98	106	110	105	102	94	80	68	110	41
MEAN MAX TEMP (F)	30.0	35.9	46.7	62.1	72.9	82.2	86.5	84.1	75.9	65.2	48.5	35.4	60.4	41
MEAN TEMP (F)	21.5	27.3	37.7	51.9	63.1	72.5	77.0	74.6	65.8	54.7	39.6	27.3	51.1	41
MEAN MIN TEMP (F)	12.6	18.3	28.2	41.2	52.8	62.3	67.1	64.7	55.3	43.7	30.2	18.8	41.3	41
EXTRM MIN TEMP (F)	-22	-18	-15	10	26	42	45	42	28	18	-11	-18	-22	41
D/W TEMP GE 90 (F)	0	0	0	1	1	6	11	8	2	1	0	0	30	41
D/W TEMP GE 80 (F)	0	0	1	3	9	19	26	23	11	3	#	0	95	41
D/W TEMP LT 33 (F)	30	25	20	6	1	0	0	0	#	3	18	29	132	41
D/W TEMP LT 0 (F)	5	2	1	0	0	0	0	0	0	0	#	2	10	41
HEATING DEGREE DAYS	1322	1048	836	397	129	13	1	4	84	322	753	1150	6059	41
COOLING DEGREE DAYS			#	13	77	244	379	309	115	16			1153	41
MEAN DEWPOINT TEMP (F)	15.2	18.2	27.2	37.0	49.1	58.8	65.3	63.1	54.8	39.6	28.9	18.8	39.6	10
MEAN WET BULB TEMP (F)	22.5	24.7	34.6	44.8	55.4	64.1	69.2	67.0	59.4	46.4	35.3	24.7	45.6	10
99.95% WCPA (FT)	1650	1650	1750	1700	1600	1450	1350	1350	1500	1550	1750	1700	1650	10
MEAN REL HUM 07 LST(%)	70.9	72.7	72.0	70.6	73.4	75.1	79.4	81.3	81.6	75.0	73.3	74.9	75.0	10
MEAN REL HUM 13 LST(%)	57.4	61.1	55.2	51.0	54.4	54.9	58.7	59.9	56.3	52.4	58.1	63.6	56.9	10
MAX 24HR PRECIP (IN)	1.59	1.84	2.41	2.41	6.57	4.89	5.33	5.22	4.96	3.95	1.89	1.35	6.57	41
MAX PRECIP (IN)	3.30	2.81	8.16	7.63	13.33	17.08	13.37	10.60	12.41	6.83	5.01	3.74	48.37	41
MEAN PRECIP (IN)	.85	.98	2.01	2.89	4.56	4.29	3.78	4.20	3.42	2.13	1.46	.96	31.47	41
MIN PRECIP (IN)	#	.06	.06	.56	.98	.87	.25	1.06	.62	#	.02	.10	16.48	41
D/W PRECIP GE .01 (IN)	6	6	8	9	10	10	8	9	8	6	5	6	91	41
D/W PRECIP GT .50 (IN)	1	1	1	2	3	3	2	3	2	1	1	1	21	41
MAX 24HR SNFL (IN)	15.5	19.0	11.4	3.5	4.0	0	0	0	#	3.9	11.7	12.0	19.0	41
MAX SNFL (IN)	27.4	24.4	22.1	6.2	4.0	0	0	0	#	3.9	14.0	21.4	64.3	41
MEAN SNFL (IN)	7.2	6.7	6.7	.9	.1	0	0	0	#	.3	2.9	6.1	29.4	41
D/W SNFL GE .1 (IN)	4	4	4	1	#	0	0	0	0	#	2	4	19	41
D/W SNFL GE 1.5 (IN)	2	1	2	1	#	0	0	0	0	#	1	1	8	41
MAX DLY SNO DEPTH (IN)	19	19	31	3	3	0	0	0	0	1	10	17	31	41
MEAN SFC WND DIR (DEG)	330	330	330	330	150	150	150	150	150	\$330	330	330	\$150	10
MEAN WND SPD (KTS)	6.6	6.5	8.2	7.6	6.3	5.7	5.0	5.0	5.6	5.8	6.6	6.5	6.3	10
MAX WND SPD (KTS)	56	48	60	60	62	60	58	80	53	46	52	53	80	33
SKY COVER GT 1/2 (%)	55.0	60.4	62.0	56.5	60.0	55.6	46.0	48.6	46.0	51.8	57.0	60.3	55.2	10
D/W THUNDERSTORMS	#	1	2	4	8	10	9	9	6	3	1	1	54	40
D/W FOG (VSBY LT 7 MI)	10	10	10	8	7	5	6	9	9	8	9	11	102	40

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN
WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	19.7	26.1	26.3	16.1	10.8	5.2	3.9	9.9	10.5	12.9	24.8	26.3	16.0	10
	03 - 05	19.7	28.6	29.4	18.9	14.6	8.9	8.2	14.1	13.7	15.4	28.1	28.4	19.0	10
	06 - 08	21.7	30.2	31.2	23.4	17.4	12.2	10.5	17.2	18.1	19.6	30.7	30.0	21.8	10
	09 - 11	21.6	30.0	31.4	23.2	19.1	10.9	8.9	15.4	19.5	20.9	31.0	30.3	21.8	10
	12 - 14	21.0	30.3	29.6	20.9	17.2	7.8	4.9	11.6	16.8	19.4	29.4	28.2	19.8	10
	15 - 17	19.8	24.4	27.6	17.7	11.8	3.9	3.7	7.4	10.5	16.2	25.0	27.7	16.3	10
	18 - 20	17.5	23.4	22.7	15.7	9.6	3.2	2.4	5.4	7.2	13.2	22.4	26.9	14.1	10
	21 - 23	18.5	23.8	23.7	14.8	8.1	4.6	3.9	6.6	9.1	13.1	22.8	26.7	14.6	10
	ALL	19.9	27.1	27.7	18.8	13.6	7.1	5.8	10.9	13.2	16.3	26.8	28.1	17.9	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	11.3	20.5	16.6	10.4	7.2	2.1	2.4	6.2	6.8	9.9	15.0	19.5	10.7	10
	03 - 05	12.7	20.1	20.5	12.0	9.8	5.1	5.9	11.5	9.0	10.6	20.6	21.7	13.3	10
	06 - 08	12.5	22.5	21.0	14.4	12.9	8.0	8.7	14.1	13.7	14.7	21.0	23.0	15.5	10
	09 - 11	12.6	22.5	21.2	13.7	11.0	4.4	5.4	10.6	10.4	13.9	21.7	23.0	14.2	10
	12 - 14	11.4	20.8	16.9	8.6	7.0	1.7	1.6	4.9	6.7	10.8	18.9	19.5	10.7	10
	15 - 17	10.0	17.6	14.2	6.7	4.2	1.0	1.3	2.7	4.1	8.0	14.8	17.6	8.5	10
	18 - 20	8.2	17.4	13.3	7.4	4.3	1.0	1.8	2.3	3.6	8.3	13.7	17.3	8.2	10
	21 - 23	9.6	18.8	15.8	7.9	4.2	1.6	1.6	3.7	4.8	8.8	13.8	18.7	9.1	10
	ALL	11.0	20.0	17.4	10.1	7.6	3.1	3.6	7.0	7.4	10.6	17.4	20.0	11.3	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	7.3	16.1	11.9	7.2	3.5	.2	1.3	4.0	3.5	6.7	9.4	13.7	7.1	10
	03 - 05	9.8	15.4	14.9	7.7	5.2	2.1	3.1	8.0	6.0	7.8	13.0	16.7	9.2	10
	06 - 08	8.8	17.1	15.3	8.7	7.7	3.7	6.0	10.4	9.6	10.5	14.7	18.4	10.9	10
	09 - 11	8.8	16.3	15.6	6.9	5.8	1.4	2.3	5.5	5.8	10.8	15.4	15.5	9.2	10
	12 - 14	7.3	14.7	12.0	3.2	3.4	.2	.5	1.4	2.1	7.6	13.1	13.7	6.6	10
	15 - 17	5.5	12.8	9.5	3.7	2.0	.2	.3	.3	1.9	4.9	7.9	12.9	5.2	10
	18 - 20	4.3	13.0	9.5	4.1	2.8	.6	.4	.9	1.6	6.1	8.6	13.7	5.5	10
	21 - 23	5.2	13.8	11.1	4.4	2.8	.9	.6	1.4	2.0	5.8	8.8	14.1	5.9	10
	ALL	7.1	15.0	12.5	5.7	4.2	1.2	1.8	4.0	4.1	7.5	11.4	14.8	7.4	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.0	1.9	1.4	.7	.4	.0	.0	.4	.1	.7	1.0	2.9	.9	10
	03 - 05	1.2	3.2	2.2	.8	.8	.1	.1	1.5	.5	.8	1.4	2.7	1.3	10
	06 - 08	1.2	4.1	1.4	1.8	.8	.2	.0	2.6	1.0	1.0	1.7	3.0	1.6	10
	09 - 11	.8	3.8	1.1	.2	.1	.0	.0	.1	.0	1.1	1.2	2.9	.9	10
	12 - 14	.5	.8	.8	.1	.1	.0	.0	.0	.0	.1	.7	1.8	.4	10
	15 - 17	.0	.2	.6	.1	.0	.0	.0	.0	.0	.4	.8	1.4	.3	10
	18 - 20	.1	.5	.6	.1	.0	.1	.0	.0	.0	.0	.4	1.6	.3	10
	21 - 23	.4	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.7	2.9	.5	10
	ALL	.6	1.9	1.1	.5	.3	.1	.0	.6	.2	.5	1.0	2.4	.8	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986: NONE

OCTOBER 1978

STATION NAME Las Vegas, Nevada, McCarran INTL
LOCATION N36 05 W115 00

PERIOD	Varied
ELEV	2174 FT

STN LTRS	LAS
WEAN NO	23169
WMO NO	723860

AWS CLIMATIC BRIEF

AWS CLIMATIC BRIEF																				MEAN										SURFACE WINDS										MEAN NUMBER OF DAYS OCCURRENCE OF									
MONTH		1 TEMPERATURE (°F)					1 PRECIPITATION (IN)					2 SNOW FALL (IN)					RELATIVE HUMIDITY (%)		3 WIND VELOCITY (MPH)		4 PRESSURE (IN)		1 SURFACE WINDS		1 PRECIP		2 SNOW FALL		1 FOG		TEMPERATURE (°F)																		
		MEAN		EXTREME			MONTHLY			MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY																	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN																
JAN	56	33	44	77	8	0.5	2.4	0.0	1.0	1	17	5	52	29	12	22	2600	W	6	45	5	3	0	0	0	0	0	1	0	0	0	17	0																
FEB	61	37	49	81	18	0.3	2.5	0.0	1.2	1	17	5	47	25	11	21	2600	SW	7	52	5	3	0	0	0	0	0	0	0	0	6	2	0																
MAR	68	42	55	91	23	0.3	1.8	0.0	1.2	1	17	5	41	20	10	18	3200	SW	9	45	5	3	0	0	0	0	0	0	0	0	4	2	0																
APR	78	50	64	98	31	0.3	2.4	0.0	1.1	1	17	5	34	15	11	21	2700	SW	10	45	5	3	0	0	0	0	0	0	0	0	0	0	0	0															
MAY	88	59	73	109	40	0.1	1.0	0.0	0.8	0	0	0	31	12	13	24	3150	SW	10	47	3	3	0	0	0	0	1	1	16	24	0	0	0																
JUN	97	67	82	105	49	0.0	0.8	0.0	0.8	0	0	0	26	10	10	25	2700	SW	10	45	2	1	0	0	0	0	1	0	25	29	0	0	0																
JUL	104	75	90	116	62	0.4	2.0	0.0	1.3	0	0	0	29	14	24	39	2500	SW	9	56	3	3	0	0	0	0	0	0	31	31	0	0	0																
AUG	102	73	87	113	56	0.5	2.6	0.0	1.2	0	0	0	35	17	25	40	3000	SW	8	48	3	3	0	0	0	0	0	0	30	31	0	0	0																
SEP	95	65	80	113	46	0.3	3.4	0.0	1.1	0	0	0	32	16	18	32	2550	SW	8	47	2	1	0	0	0	0	2	2	22	29	0	0	0																
OCT	81	53	67	99	26	0.2	1.1	0.0	0.7	0	0	0	37	15	15	27	3000	WSW	7	45	3	2	0	0	0	0	1	1	16	24	0	0	0																
NOV	66	41	53	85	21	0.4	2.2	0.0	1.8	0	4	3	48	28	12	23	3200	W	6	40	4	2	0	0	0	0	0	0	1	2	0	0																	
DEC	57	34	45	74	15	0.4	1.8	0.0	0.8	0	2	2	55	33	11	21	2600	W	6	47	4	2	0	0	0	0	0	1	0	1	3	0																	
JAN	59	32	46	81	11	0.3	1.8	0.0	0.8	0	2	2	55	33	11	21	2600	W	6	47	4	2	0	0	0	0</																							

REMARKS Source: 1. Local Climatological Data; POR: 1941-1970 (Normals)
2. Revised Uniform Summary of Surface Weather Observations; POR: 1949-1977
3. World-Wide Airfield Summary; POR: UNKNOWN
4. USAFETAC DATSAV; POR: 1966-1977. CAV FRI: 1973 - 77

NOTE:

• LESS THAN 0.5 DAY, 0.5 or 0.005 INCH, OR 0.5 PERCENT AS APPLICABLE

NOTE:		LESS THAN 0.5 DAY, 0.5 or 0.005 INCH, OR 0.5 PERCENT AS APPLICABLE														
CAY PRES(S)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	ETB	
4 CEILING LESS THAN 3000 FT AND/OR VISI- BILITY LESS THAN 3 MI	00-02	3														
	03-05	4	2	3	1	0	0	0	0	0	0	0	2	1		
	06-08	4	1	2	1	*	0	0	0	0	0	0	2	1		
	09-11	2	1	2	2	1	0	0	0	0	0	0	2	1		
	12-14	2	1	3	1	0	0	0	0	0	1	0	3	1		
	15-17	2	2	1	0	0	1	*	*	*	0	2	1	*		
	18-20	3	2	1	0	0	1	*	0	0	0	2	1	*		
	21-23	2	2	1	1	0	0	*	0	0	0	2	1	*		
	ALL HRS	3	1	2	1	*	*	*	*	*	*	2	1		5	
4 CEILING LESS THAN 1500 FT AND/OR VISI- BILITY LESS THAN 3 MI	00-02	2		0	0	0	0	0	0	0	0	0	1	*		
	03-05	2	1	2	0	0	0	0	0	0	0	0	2	1		
	06-08	2	1	2	*	0	0	0	0	0	0	0	2	1		
	09-11	1	1	*	*	0	0	0	0	0	0	0	1	*		
	12-14	1	1	*	0	0	0	0	0	0	0	0	2	*		
	15-17	*	1	0	0	0	1	*	*	0	0	0	2	*		
	18-20	2	2	1	0	0	1	*	0	0	0	0	2	1		
	21-23	1	2	0	0	0	0	*	0	0	0	0	1	*		
	ALL HRS	1	1	1				*	*	*	*	2	*		5	
4 CEILING LESS THAN 1000 FT AND/OR VISI- BILITY LESS THAN 2 MI	00-02	1	1	0	0	0	0	0	0	0	0	0	2	*		
	03-05	1	1	1	0	0	0	0	0	0	0	0	2	*		
	06-08	1	*	1	0	0	0	0	0	0	0	0	1	*		
	09-11	1	0	0	0	0	0	0	0	0	0	0	1	*		
	12-14	* 0	0 1	0 0	0 0	0 0	0 0	0 *	0 *	0 0	0 0	0 0	1 1	*		
	15-17	0	1	0	0	0	0	*	*	0	0	0	1	*		
	18-20	1	1	0	0	0	0	*	0	0	0	0	1	*		
	21-23	1	2	0	0	0	0	*	0	0	0	0	1	*		
	ALL HRS	1	1	*	0	0	0	0	*	*	*	*	1	*	5	
4 CEILING LESS THAN 200 FT AND/OR VISI- BILITY LESS THAN 1/2 MI	00-02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	03-05	0	0	0	0	0	0	0	0	0	0	0	0	0		
	06-08	0	0	0	0	0	0	0	0	0	0	0	0	0		
	09-11	0	0	0	0	0	0	0	0	0	0	0	0	0		
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0		
	15-17	0	0	0	0	0	0	*	*	0	0	0	0	0		
	18-20	0	0	0	0	0	0	*	0	0	0	0	0	0		
	21-23	0	1	0	0	0	0	0	0	0	0	0	0	0		
	ALL HRS	0	0	0	0	0	0	0	0	0	0	0	0	0	5	

A W S
CLIMATIC BRIEF

MAY 92

STATION NAME: NELLIS AFB/LAS VEGAS NV
LATITUDE/LONGITUDE: 36 14 N 115 02 W
HOURLY OBS POR: OCT 81 - SEP 91
SUMMARY OF DAY POR: MAR 42-SEP 44, JAN 49-SEP 91
HOURS SUMMARIZED: 0000 - 2300 LST
LST TO UTC: +08

FIELD ELEV: 1869 FT
STATION HSC: 723865
CALL SIGN: KLSV

SUPERSEDES: NOV 86

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	80	86	90	100	112	117	119	115	116	101	86	77	119	44
MEAN MAX TEMP (F)	57	63	69	78	88	98	104	102	95	82	67	58	80	44
MEAN TEMP (F)	45	51	57	65	74	84	91	88	80	68	54	46	67	44
MEAN MIN TEMP (F)	33	38	44	52	61	69	76	75	66	53	41	33	54	44
EXTRM MIN TEMP (F)	10	16	21	31	41	48	59	54	45	25	17	11	10	44
D/W TEMP GE 100 (F)	0	0	0	#	2	14	26	21	9	#	0	0	72	44
D/W TEMP GE 90 (F)	0	0	#	3	14	26	31	30	23	7	0	0	134	44
D/W TEMP LT 40 (F)	25	16	8	1	0	0	0	0	0	1	13	26	90	44
D/W TEMP LT 33 (F)	15	6	1	#	0	0	0	0	0	#	4	15	41	44
HEATING DEGREE DAYS	586	387	256	77	13	#	0	0	#	43	302	575	2239	49
COOLING DEGREE DAYS	0	#	9	97	323	586	800	735	477	149	3	0	3179	49
MEAN DEWPOINT TEMP (F)	23	25	27	28	31	34	44	47	39	31	25	23	31	10
MEAN WET BULB TEMP (F)	36	40	44	49	54	59	64	65	58	50	42	36	50	10
99.95% WCPA (FT)	2300	2300	2400	2350	2350	2300	2200	2200	2250	2250	2350	2250	2300	10
MEAN REL HUM 07 LST(%)	54.2	50.0	44.2	33.4	26.5	22.0	28.6	36.4	34.0	37.6	43.2	54.4	38.7	10
MEAN REL HUM 13 LST(%)	30.9	28.0	23.8	19.3	16.0	13.5	18.5	22.0	19.5	20.8	25.5	32.0	22.5	10
MAX 24HR PRECIP (IN)	.87	.81	.97	1.25	.65	1.02	2.50	1.77	1.16	1.00	1.17	1.15	2.50	44
MAX PRECIP (IN)	1.55	1.94	1.83	3.36	.94	1.37	4.73	2.44	1.40	1.26	2.41	1.73	9.97	44
MEAN PRECIP (IN)	.45	.38	.43	.25	.15	.08	.46	.45	.28	.25	.42	.35	4.04	44
MIN PRECIP (IN)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.59	44
D/W PRECIP GE .01 (IN)	3	2	3	2	1	1	2	2	2	2	2	2	24	44
D/W PRECIP GT .50 (IN)	1	1	1	1	#	#	1	1	1	#	1	#	8	44
MAX 24HR SNFL (IN)	4.7	2.2	#	#	0	0	0	0	0	#	#	1.2	4.7	42
MAX SNFL (IN)	8.4	2.2	#	#	0	0	0	0	0	#	#	1.2	8.4	42
MEAN SNFL (IN)	.4	.1	#	#	0	0	0	0	0	#	#	#	.5	42
D/W SNFL GE .1 (IN)	1	#	0	0	0	0	0	0	0	0	0	#	1	42
D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	0	0	#	42
MAX DLY SNO DEPTH (IN)	4	1	#	0	0	0	0	0	0	0	0	1	4	42
PRVING WND DIR (DEG)	\$02-04	\$02-04	\$02-04	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$17-19	\$02-04	\$02-04	\$02-04	\$17-19	10
MEAN WND SPD (KTS)	3	5	6	6	6	6	5	4	4	4	4	3	5	10
MAX WND SPD (KTS)	54	57	55	53	58	59	61	63	58	47	48	49	63	36
SKY COVER GT 5/10 (%)	36.8	43.4	40.7	38.4	30.8	20.7	24.4	24.6	23.9	25.9	35.7	38.8	31.9	10
D/W THUNDERSTORMS	#	1	1	1	1	1	4	4	2	1	1	#	17	44
D/W FOG (VSBY LT 7 MI)	1	1	1	1	1	1	0	#	#	#	1	1	6	44

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

= BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY																
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST															
	00 - 02	.9	.7	.0	.0	.0	.0	.1	.0	.0	.0	.8	1.5	.3	10	
	03 - 05	1.1	.4	.6	.2	.0	.0	.0	.0	.0	.0	1.2	1.1	.4	10	
	06 - 08	1.2	.4	.9	.6	.1	.0	.0	.0	.0	.0	.8	1.8	.5	10	
	09 - 11	1.2	.9	.9	.2	.0	.0	.0	.2	.0	.0	.3	1.1	.4	10	
	12 - 14	1.2	1.4	.6	.0	.0	.1	.1	.2	.0	.2	.4	1.5	.5	10	
	15 - 17	1.6	1.7	.9	.0	.1	.0	.2	.0	.0	.4	.8	1.3	.6	10	
	18 - 20	.6	.7	.4	.1	.0	.0	.2	.0	.1	.5	.2	1.0	.3	10	
	21 - 23	.3	1.1	.1	.0	.0	.1	.0	.0	.0	.3	.2	1.3	.3	10	
	ALL	1.0	.9	.6	.1	.0	.0	.1	.1	.1	.0	.2	.6	1.3	.4	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.9	.1	10	
	03 - 05	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.7	.9	.2	10	
	06 - 08	.3	.0	.3	.2	.0	.0	.0	.0	.0	.0	.7	1.6	.3	10	
	09 - 11	.3	.4	.6	.0	.0	.0	.0	.1	.0	.0	.2	.4	.2	10	
	12 - 14	1.0	.6	.3	.0	.0	.1	.1	.1	.0	.2	.1	.8	.3	10	
	15 - 17	.5	.1	.6	.0	.1	.0	.2	.0	.0	.2	.1	.1	.2	10	
	18 - 20	.3	.2	.1	.1	.0	.0	.2	.0	.1	.0	.0	.1	.1	10	
	21 - 23	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.4	.1	10	
	ALL	.4	.2	.3	.1	.0	.0	.1	.0	.0	.0	.1	.3	.6	.2	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.3	.1	10
03 - 05		.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6	.3	.1	10	
06 - 08		.3	.0	.1	.2	.0	.0	.0	.0	.0	.0	.6	1.2	.2	10	
09 - 11		.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.4	.1	10	
12 - 14		.1	.2	.1	.0	.0	.1	.1	.1	.0	.2	.0	.1	.1	10	
15 - 17		.0	.0	.5	.0	.1	.0	.2	.0	.0	.0	.0	.0	.1	10	
18 - 20		.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	10	
21 - 23		.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.0	10	
ALL		.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.2	.3	.1	10	
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.0	10
	03 - 05	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	10	
	06 - 08	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	10	
	09 - 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	
	12 - 14	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	10	
	15 - 17	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	10	
	18 - 20	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	10	
	21 - 23	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	10	
	ALL	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	10	
	HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @																

PREPARED BY USAFETAC		STATION NAME Reno Intl ARP, Nevada										PERIOD Varied										STN LTRS RND									
OCTOBER 1979		LOCATION N39 30 W119 47										ELEV 4404 FT										VBAH NO 23185									
																						VMO NO 724880									
AWS CLIMATIC BRIEF																															
M O N T H	TEMPERATURE (°F)										PRECIPITATION (IN)										SNOW FALL (IN)										
	MEAN										MONTHLY										MONTHLY										
	MAX										MAX										MAX										
	MIN										MIN										MIN										
	RELATIVE HUMIDITY (%)										RELATIVE HUMIDITY (%)										RELATIVE HUMIDITY (%)										
	WIND										WIND										WIND										
REMARKS: Source: 1. Local Climatological Data; POR: 1941 - 1970 (Normals)																															
2. Revised Uniform Summary of Surface Weather Observations; POR: 1949 - 1977																															
3. Climatic Data Summary; POR: Unknown																															
4. Stead AFB RUSSMO; POR: Jan 43 - Nov 45, Aug 52 - Mar 56																															
CAV FREQ (IN)																															
ALL HRS																															
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI																															
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A W S	STATION NAME: TONOPAH TEST RANGE NV											FIELD ELEV: 5548 FT			
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 37 48 N 116 47 W											STATION MSC: 724844			
	HOURLY OBS POR: JAN 83 - MAR 90											CALL SIGN: KTNX			
	SUMMARY OF DAY POR: JAN 83-MAR 90														
	HOURS SUMMARIZED: 0000 - 2300 LST											SUPERSEDES: NONE			
OCT 90	LST TO UTC: +08														
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)		65	76	76	84	93	102	105	98	92	85	74	61	105	9
MEAN MAX TEMP (F)		41	48	56	64	73	84	89	86	76	66	51	43	64	9
MEAN TEMP (F)		31	37	44	52	60	70	75	73	63	53	40	32	52	9
MEAN MIN TEMP (F)		20	26	32	38	46	56	61	59	50	40	28	22	39	9
EXTRM MIN TEMP (F)		-7	-7	16	19	29	38	43	47	26	18	0	-8	-8	9
D/W TEMP GE 100 (F)		0	0	0	0	0	1	2	0	0	0	0	0	3	9
D/W TEMP GE 90 (F)		0	0	0	0	1	7	16	9	1	0	0	0	34	9
D/W TEMP LT 33 (F)		29	21	16	7	1	0	0	0	1	4	21	28	128	9
D/W TEMP LT 20 (F)		13	5	1	#	0	0	0	0	0	#	3	9	31	9
HEATING DEGREE DAYS		1060	780	648	376	196	21	2	1	125	319	728	1019	5275	7
COOLING DEGREE DAYS		0	0	0	3	38	171	340	254	59	6	0	0	871	7
MEAN DEWPOINT TEMP (F)		15	18	20	21	25	29	33	36	28	24	19	16	23	7
MEAN WET BULB TEMP (F)		25	30	35	39	45	51	55	54	47	41	32	26	40	7
99.95% WCPA (FT)		5965	6042	6076	5998	5877	5756	5701	5646	5810	5788	5965	5954	5932	7
MEAN REL HUM 07 LST(%)		62.0	58.8	52.5	40.7	35.6	29.6	30.2	37.1	36.6	45.9	53.3	62.4	45.8	7
MEAN REL HUM 13 LST(%)		45.4	37.0	29.3	21.9	19.4	15.8	17.8	21.9	20.1	24.5	34.9	42.2	27.8	7
MAX 24HR PRECIP (IN)		.45	.47	.90	.51	.79	.57	1.95	.83	.88	1.15	1.08	.40	1.95	9
MAX PRECIP (IN)		.76	.67	2.46	1.37	1.69	.93	3.34	3.24	1.75	1.48	1.19	1.43	7.94	9
MEAN PRECIP (IN)		.43	.25	.72	.38	.45	.21	.71	.85	.36	.51	.54	.39	5.65	9
MIN PRECIP (IN)		.03	.11	.02	#	#	#	.01	.00	#	.02	#	.00	3.17	9
D/W PRECIP GE .01 (IN)		3	3	4	4	3	3	3	5	2	3	3	4	40	9
D/W PRECIP GT .50 (IN)		0	0	1	1	1	1	1	1	1	#	#	0	7	9
MAX 24HR SNFL (IN)		4.5	7.1	9.0	1.3	1.0	0	0	0	#	1.0	10.8	4.0	10.8	9
MAX SNFL (IN)		8.7	9.3	9.0	1.3	1.0	0	0	0	#	1.0	11.8	10.2	20.2	9
MEAN SNFL (IN)		3.4	1.9	2.6	.4	.2	0	0	0	#	.1	3.2	2.7	14.6	9
D/W SNFL GE .1 (IN)		2	2	1	1	1	0	0	0	0	#	1	3	11	9
D/W SNFL GE 1.5 (IN)		1	#	1	0	0	0	0	0	0	0	1	1	4	9
MAX DLY SNO DEPTH (IN)		6	7	3	#	1	0	0	0	0	1	8	8	8	9
PRVLNG WND DIR (DEG)		\$29-31	\$29-31	29-31	29-31	29-31	17-19	17-19	17-19	\$17-19	\$29-31	\$29-31	\$29-31	\$29-31	7
MEAN WND SPD (KTS)		5	7	8	8	8	7	7	5	5	5	6	5	6	7
MAX WND SPD (KTS)		42	50	54	49	49	49	46	45	47	44	55	52	55	9
SKY COVER GT 5/10 (%)		39.3	43.7	44.7	44.0	33.8	24.3	23.7	20.7	16.1	24.5	34.3	38.5	32.7	7
D/W THUNDERSTORMS		#	1	1	2	3	4	5	7	2	1	1	1	28	9
D/W FOG (VSBY LT 7 MI)		4	1	2	1	1	0	1	1	1	1	2	4	19	9
LEGEND: ANN = ANNUAL															
D/W = MEAN NUMBER OF DAYS WITH															
& = BASED ON LESS THAN FULL MONTHS															
** = INSTANTANEOUS PEAK WINDS															
* = DATA NOT AVAILABLE															
POR/YOR = PERIOD/YEARS OF RECORD															
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE															
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE															
\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN															
WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	5.1	6.1	5.2	2.2	.3	.0	.0	.0	.0	.0	3.1	6.0	2.3	7
	03 - 05	6.5	6.2	6.6	2.7	1.1	.0	.0	.2	.0	.0	5.1	6.6	2.9	7
	06 - 08	9.7	6.6	6.9	4.6	1.1	.0	.0	.5	.0	1.5	6.4	7.8	3.8	7
	09 - 11	8.6	6.8	6.8	2.2	.9	.0	.0	.8	.0	1.2	4.8	8.0	3.3	7
	12 - 14	7.0	4.2	6.2	1.4	1.0	.0	.0	.2	.0	.6	4.4	5.4	2.5	7
	15 - 17	5.5	4.0	5.9	2.4	1.0	.0	.0	.0	.3	.8	3.2	6.3	2.4	7
	18 - 20	5.0	4.8	4.5	.8	.8	.0	.0	.3	.0	.3	1.9	5.6	2.0	7
	21 - 23	2.7	6.6	3.6	.7	.5	.0	.0	.0	.0	.0	1.7	6.2	1.8	7
	ALL	6.3	5.7	5.7	2.2	.8	.0	.0	.2	.0	.6	3.8	6.5	2.8	7
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	4.2	3.9	2.1	1.0	.3	.0	.0	.0	.0	.0	2.2	4.5	1.5	7
	03 - 05	4.8	3.4	3.5	1.2	.5	.0	.0	.2	.0	.0	4.0	5.2	1.9	7
	06 - 08	7.3	3.8	3.9	1.0	.3	.0	.0	.5	.0	.3	4.5	5.4	2.2	7
	09 - 11	6.4	3.7	3.1	.2	.3	.0	.0	.0	.0	.5	2.5	4.6	1.8	7
	12 - 14	3.6	1.5	2.9	.2	.3	.0	.0	.0	.0	.5	1.7	3.3	1.2	7
	15 - 17	3.5	1.5	2.4	1.8	.0	.0	.0	.0	.2	.3	1.0	3.4	1.2	7
	18 - 20	2.7	2.5	2.0	.0	.3	.0	.0	.0	.0	.0	1.0	2.8	.9	7
	21 - 23	2.0	5.8	2.1	.3	.5	.0	.0	.0	.0	.0	.9	3.8	1.3	7
	ALL	4.3	3.3	2.8	.7	.3	.0	.0	.1	.0	.2	2.2	4.1	1.6	7
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	3.5	2.3	.4	.3	.3	.0	.0	.0	.0	.0	1.0	3.2	.9	7
	03 - 05	2.4	2.3	2.0	.5	.5	.0	.0	.2	.0	.0	2.0	3.1	1.1	7
	06 - 08	5.9	2.8	3.2	.6	.3	.0	.0	.2	.0	.2	2.6	4.0	1.6	7
	09 - 11	4.1	2.8	2.3	.0	.2	.0	.0	.0	.0	.2	1.0	2.8	1.1	7
	12 - 14	2.2	.3	1.9	.2	.0	.0	.0	.0	.0	.0	1.0	2.4	.7	7
	15 - 17	2.4	.8	1.5	1.8	.0	.0	.0	.0	.0	.2	1.0	3.1	.9	7
	18 - 20	1.7	1.2	1.4	.0	.2	.0	.0	.0	.0	.0	.7	1.8	.6	7
	21 - 23	1.6	2.8	.6	.0	.5	.0	.0	.0	.0	.0	.5	2.2	.7	7
	ALL	3.0	1.9	1.7	.4	.2	.0	.0	.0	.0	.1	1.2	2.8	1.0	7
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	1.0	.2	7
	03 - 05	1.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.7	.8	.3	7
	06 - 08	1.1	1.0	.4	.2	.2	.0	.0	.2	.0	.0	1.0	.9	.4	7
	09 - 11	.9	.3	.4	.0	.0	.0	.0	.0	.0	.0	.5	.9	.2	7
	12 - 14	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.1	7
	15 - 17	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	.5	.2	.1	7
	18 - 20	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	7
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.1	7
	ALL	.5	.2	.2	.0	.1	.0	.0	.0	.0	.0	.6	.5	.2	7
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @															

PREPARED BY USAPETAC FEBRUARY 1960				STATION NAME YUCCA FLAT AIRSTRIP NV LOCATION N36 57 W116 03				PERIOD MAR 62-FEB 78 ELEV 3921				STN LT25 UCC WGAN MO 03133 WMO MO 72385																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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A W S CLIMATIC BRIEF SEP 89	STATION NAME: PEASE AFB NH LATITUDE/LONGITUDE: 43 05 N 070 49 W HOURLY OBS POR: JUL 79 - JUN 89 SUMMARY OF DAY POR: APR 56 - JUN 89 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +05											FIELD ELEV: 101 FT STATION MSC: 726055 CALL SIGN: KPMS SUPERCEDES: AUG 85			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	61	66	79	91	99	95	101	100	94	87	76	68	101	33
	MEAN MAX TEMP (F)	31.6	33.8	42.2	53.6	65.0	74.3	79.8	77.8	70.3	59.7	48.5	36.1	56.2	33
	MEAN TEMP (F)	24.1	26.2	35.0	45.4	56.1	65.3	70.9	69.1	61.5	51.1	41.4	29.2	48.1	33
	MEAN MIN TEMP (F)	16.1	18.0	27.3	36.7	46.7	55.7	61.6	60.0	52.2	42.0	33.8	21.8	39.5	33
	EXTRM MIN TEMP (F)	-16	-9	0	17	29	38	47	40	32	23	11	-9	-16	33
	D/W TEMP GE 90 (F)	0	0	0	#	1	1	2	2	1	0	0	0	7	33
	D/W TEMP GE 80 (F)	0	0	0	1	3	9	16	13	4	1	0	0	47	33
	D/W TEMP LT 33 (F)	29	26	23	8	#	0	0	0	#	3	14	27	130	33
	D/W TEMP LT 0 (F)	2	1	0	0	0	0	0	0	0	0	0	1	4	33
	HEATING DEGREE DAYS	1254	1084	918	579	288	76	9	23	147	425	698	1095	6596	33
	COOLING DEGREE DAYS				1	19	90	199	159	50	2	#		520	33
	MEAN DEWPOINT TEMP (F)	11.4	15.4	21.6	33.3	44.9	53.2	60.7	59.4	51.7	39.8	31.3	19.4	36.9	10
	MEAN WET BULB TEMP (F)	21.1	24.9	30.8	40.6	50.6	58.0	64.7	63.0	56.0	45.3	37.7	27.4	43.4	10
	99.95% WCPA (FT)	1050	900	1000	900	650	650	550	500	600	800	950	950	850	10
	MEAN REL HUM 07 LST(%)	61.6	64.0	64.4	69.5	74.5	76.5	79.7	82.2	80.8	77.2	72.6	68.0	72.6	1
	MEAN REL HUM 13 LST(%)	51.5	50.6	51.0	55.1	57.1	57.3	58.0	61.0	58.5	56.5	58.8	55.6	55.9	10
	MAX 24HR PRECIP (IN)	2.86	4.11	2.51	4.60	3.83	3.22	2.61	4.10	4.03	6.73	4.10	3.05	6.73	33
	MAX PRECIP (IN)	12.26	9.43	10.19	11.11	9.31	8.80	7.81	7.21	8.10	12.10	13.71	10.05	66.96	33
	MEAN PRECIP (IN)	3.70	3.38	3.56	3.82	3.62	3.25	3.34	2.70	3.44	3.66	5.01	4.19	43.79	33
	MIN PRECIP (IN)	.44	.02	1.03	1.06	1.01	.84	.60	1.11	.18	.97	.84	.63	27.69	33
	D/W PRECIP GE .01 (IN)	11	10	11	12	12	11	10	10	9	9	11	12	128	33
	D/W PRECIP GT .50 (IN)	2	2	2	2	2	2	2	2	2	2	3	3	26	33
	MAX 24HR SNFL (IN)	17.5	20.4	13.3	18.3	#	0	0	0	0	2.0	9.9	16.8	20.4	33
	MAX SNFL (IN)	43.5	61.2	30.4	24.4	#	0	0	0	0	2.0	12.8	38.4	118.2	33
	MEAN SNFL (IN)	17.6	15.9	11.5	2.5	#	0	0	0	0	.1	3.1	15.3	66.5	33
	D/W SNFL GE .1 (IN)	7	6	6	1	0	0	0	0	0	1	2	7	30	33
	D/W SNFL GE 1.5 (IN)	3	3	2	1	0	0	0	0	0	#	1	3	13	33
	MAX DLY SNO DEPTH (IN)	30	39	38	21	0	0	0	0	0	2	8	26	39	33
	MEAN SFC WND DIR (DEG)	300	300	300	\$300	\$150	270	\$270	\$270	\$270	\$270	300	300	\$300	10
	MEAN WND SPD (KTS)	6.1	6.1	6.6	6.4	5.2	5.0	4.2	4.3	4.4	4.9	6.0	6.1	5.4	10
	MAX WND SPD (KTS)	56	57	52	49	49	40	53	50	65	51	55	54	65	34
	SKY COVER GT 1/2 (%)	53.0	56.2	58.0	65.9	67.0	62.0	60.0	56.6	51.0	52.8	57.0	58.4	58.4	10
	D/W THUNDERSTORMS	1	#	1	1	2	4	6	4	2	1	1	#	23	33
	D/W FOG (VSBY LT 7 MI)	11	10	12	13	14	15	16	16	15	14	14	12	162	33
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	15.4	21.4	21.2	27.7	22.9	21.9	19.1	17.7	20.2	19.5	23.6	21.8	21.0	10
	03 - 05	15.5	22.9	22.8	30.1	25.1	25.2	24.6	22.4	23.4	20.5	25.2	23.7	23.4	10
	06 - 08	16.3	23.8	23.4	28.7	23.0	24.3	20.1	23.1	22.9	21.5	26.8	23.1	23.1	10
	09 - 11	18.1	20.8	24.0	27.6	23.1	22.3	17.0	18.5	18.9	17.8	24.4	21.1	21.1	10
	12 - 14	19.7	18.4	22.2	25.8	20.0	17.9	12.8	13.8	15.3	17.0	21.6	19.4	18.7	10
	15 - 17	18.3	17.7	21.1	23.1	19.9	16.2	11.9	10.8	13.9	16.0	21.3	19.8	17.5	10
	18 - 20	16.2	18.4	20.4	23.7	19.5	14.9	14.7	11.5	13.8	15.2	21.1	20.8	17.5	10
	21 - 23	15.6	19.6	21.4	26.0	21.5	17.8	14.9	12.4	16.6	16.9	23.1	20.8	18.9	10
	ALL	16.9	20.4	22.1	26.6	21.9	20.1	16.9	16.3	18.1	18.1	23.4	21.3	20.1	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	12.8	15.4	16.7	22.4	21.2	19.2	17.0	15.2	16.9	16.0	16.8	16.5	17.2	10
	03 - 05	12.7	17.3	18.0	25.6	22.9	22.8	23.1	19.5	19.2	17.6	19.2	16.8	19.6	10
	06 - 08	11.8	17.1	18.6	26.2	20.9	21.4	18.8	20.0	18.4	19.5	21.0	15.8	19.1	10
	09 - 11	13.4	14.6	18.0	21.9	19.5	19.6	15.1	14.4	15.3	14.3	20.3	14.7	16.8	10
	12 - 14	13.9	13.5	14.0	17.4	16.0	13.8	9.0	10.2	11.0	12.8	15.3	13.4	13.4	10
	15 - 17	14.0	13.4	13.8	14.9	16.1	13.1	9.1	8.9	10.3	11.5	14.0	13.0	12.7	10
	18 - 20	13.1	13.3	14.7	18.3	17.2	13.1	11.8	9.1	10.7	11.5	13.4	15.8	13.5	10
	21 - 23	11.8	14.5	15.4	20.3	18.8	15.6	12.3	10.8	13.6	13.4	14.7	16.1	14.8	10
	ALL	12.9	14.9	16.1	20.9	19.1	17.3	14.5	13.5	14.4	14.6	16.8	15.3	15.9	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.5	13.2	13.7	19.7	19.8	16.4	15.6	11.5	14.7	13.8	12.8	13.5	14.6	10
	03 - 05	9.8	13.4	14.7	21.3	20.5	18.2	19.9	13.7	16.0	15.7	15.7	12.9	16.0	10
	06 - 08	9.9	13.4	15.4	23.0	19.4	16.9	16.8	15.6	15.9	17.5	16.1	12.4	16.0	10
	09 - 11	9.5	13.0	13.2	17.1	16.5	14.9	11.5	10.2	10.9	11.5	15.7	11.3	12.9	10
	12 - 14	9.6	11.3	10.0	11.9	13.4	10.4	7.0	7.5	8.2	10.9	11.7	9.8	10.1	10
	15 - 17	9.7	10.7	11.5	11.0	13.2	9.4	7.1	6.8	8.2	9.0	11.0	9.5	9.8	10
	18 - 20	9.2	11.2	11.7	14.8	15.6	10.4	10.3	7.2	9.2	9.9	10.6	11.7	11.0	10
	21 - 23	10.3	13.0	12.7	18.0	17.5	12.9	11.2	8.7	12.3	11.0	11.3	12.4	12.6	10
	ALL	9.8	12.4	12.9	17.1	17.0	13.7	12.4	10.1	11.9	12.4	13.1	11.7	12.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.4	2.5	1.9	3.2	4.4	3.4	4.8	1.4	2.8	3.9	1.6	1.8	2.8	10
	03 - 05	.5	2.0	1.8	3.4	5.4	3.2	7.2	3.1	3.1	4.7	3.2	1.5	3.3	10
	06 - 08	.8	1.4	2.0	2.4	3.0	1.8	3.2	2.7	2.2	4.7	3.5	1.6	2.4	10
	09 - 11	1.7	2.8	.9	.3	.5	.6	.5	.3	.6	1.3	2.2	.4	1.0	10
	12 - 14	1.2	2.7	.9	.4	.0	.1	.2	.1	.0	.8	.6	.6	.6	10
	15 - 17	1.6	1.5	1.3	.4	.5	.4	.1	.0	.1	.4	.7	1.1	.7	10
	18 - 20	1.3	1.9	1.8	2.0	1.3	.6	1.0	.6	1.0	2.2	.4	1.5	1.3	10
	21 - 23	1.5	2.0	1.9	2.4	3.2	1.8	1.5	1.8	1.9	2.4	.7	2.2	1.9	10
	ALL	1.2	2.1	1.6	1.8	2.3	1.5	2.3	1.3	1.5	2.5	1.6	1.3	1.8	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:															
HR/TS		JUN	JUL	AUG	SEP	OCT	NOV	ANN							
60NM		0/0	1/1	2/2	2/2	0/1	0/0	5/6							
120NM		0/0	1/2	4/6	5/3	0/1	0/0	10/12							
240NM		0/3	3/7	12/15	14/9	1/3	0/1	30/38							

A W S CLIMATIC BRIEF May 1988		Station Name: ATLANTIC CITY IAP NJ Latitude/Longitude: N39 27 W074 35 Hourly Obs POR: Jan 78 to Dec 87 Summary of Day POR: Feb 45 to Dec 87 LST - GMT -5								Field Elev: 76 ft Station MSC: 724070 Call Sign: KACY Supersedes: Dec 1981					
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	24	24	21	26	25	18	18	18	20	21	29	22	22	
	03-05	25	25	24	27	30	25	26	27	23	25	31	21	26	
	06-08	23	27	23	27	32	24	28	32	30	27	32	21	27	
	09-11	25	23	23	26	26	18	19	20	23	21	28	22	23	
	12-14	27	23	24	24	21	15	15	18	20	16	24	24	21	
LESS THAN 3000/3	15-17	25	24	20	23	18	15	12	13	15	15	21	21	19	
	18-20	24	24	20	23	21	15	12	14	15	18	24	21	19	
	21-23	21	23	20	23	22	16	14	15	16	19	26	24	20	
	00-24	24	24	22	25	24	18	18	20	20	20	27	22	22	10
	CIG/VSBY	00-02	17	20	14	20	20	14	16	15	14	14	20	14	17
03-05		18	20	17	23	26	21	24	22	19	18	21	15	20	
06-08		15	22	17	23	27	20	27	27	25	21	22	15	22	
09-11		17	19	15	20	21	11	11	10	13	13	19	15	15	
12-14		17	17	14	16	16	8	5	5	9	7	14	14	12	
LESS THAN 1500/3	15-17	17	17	14	16	14	8	5	6	8	8	14	13	12	
	18-20	16	17	15	19	17	11	8	9	10	11	15	15	14	
	21-23	15	16	15	18	17	12	11	12	11	12	19	13	14	
	00-24	17	19	15	19	20	13	13	13	14	13	18	14	16	10
	CIG/VSBY	00-02	15	16	12	18	17	11	11	10	12	13	16	11	14
03-05		15	18	15	21	22	17	20	18	15	15	18	13	17	
06-08		12	19	15	21	23	15	20	17	17	17	18	12	17	
09-11		13	17	13	16	16	8	5	4	9	9	14	12	11	
12-14		14	14	11	11	11	6	2	3	5	5	10	11	9	
LESS THAN 1000/2	15-17	14	13	12	11	11	5	2	3	5	5	10	11	9	
	18-20	14	13	12	15	14	8	4	5	7	9	11	12	10	
	21-23	13	13	13	16	16	10	7	7	9	11	14	11	12	
	00-24	14	15	13	16	16	10	9	8	10	11	14	12	12	10
	CIG/VSBY	00-02	3	5	1	6	6	4	3	2	2	5	5	2	4
03-05		2	6	3	7	7	5	7	5	4	7	4	1	5	
06-08		1	5	3	6	7	3	5	3	4	6	6	2	4	
09-11		1	4	1	2	1	#	0	0	#	1	2	2	1	
12-14		1	2	1	#	#	0	0	0	#	1	#	#	#	
LESS THAN 200/1/2	15-17	2	2	1	1	#	#	0	0	0	1	#	1	1	
	18-20	2	3	1	3	3	#	#	0	#	2	2	1	1	
	21-23	2	3	2	5	6	2	1	#	1	3	3	2	3	
	00-24	2	4	2	4	4	2	2	1	1	3	3	1	2	10

A W S CLIMATIC BRIEF January 1988	Station Name: MCGUIRE AFB NJ												Field Elev: 133 ft														
	Latitude/Longitude: N40 01 W074 36												Station MSC: 724096														
	Hourly Obs POR: Aug 7 to Jul 87												Call Sign: KWRI														
	Summary of Day POR: Sep 42 to Mar 46												Supersedes: Jul 1983														
LST - GMT -5												Aug 49 to Jul 87															
														JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F														74	74	87	93	94	99	102	100	100	88	82	75	102	43
MEAN MAX TEMP °F														39	41	50	61	72	81	85	83	76	66	55	43	63	43
MEAN TEMP °F														31	34	41	52	62	71	76	74	67	56	46	35	54	43
MEAN MIN TEMP °F														24	25	32	41	51	61	66	65	57	47	37	28	44	43
XTRM MIN TEMP °F														-8	-4	6	19	31	42	50	42	35	25	15	-1	-8	43
D/W TEMP > 90°F														0	0	0	#	1	4	7	4	1	0	0	0	17	43
D/W TEMP > 85°F														0	0	#	1	3	10	16	13	5	#	0	0	48	43
D/W TEMP < 32°F														26	22	16	4	#	0	0	0	0	1	9	22	100	43
D/W TEMP < 10°F														2	1	#	0	0	0	0	0	0	0	0	1	4	43
VPR PRESS "Hg														.11	.11	.16	.23	.36	.49	.62	.60	.47	.30	.21	.14	.27	10
MEAN DEWPOINT °F														19	21	29	38	50	58	65	64	57	45	36	26	42	10
99.95% WCPA Ft														1050	850	900	850	650	600	500	450	500	700	750	800	750	10
MEAN RH 07 LST %														70	71	71	72	74	75	80	81	81	79	76	74	75	10
MEAN RH 13 LST %														59	57	53	52	53	53	56	57	56	54	58	59	56	10
MAX 24HR PRECIP "														2.2	2.4	2.3	3.7	2.9	4.1	4.7	9.6	4.2	3.3	3.4	2.7	9.6	43
MAX PRECIP "														9.2	5.7	7.5	8.2	9.2	8.3	10.2	15.0	9.4	6.9	8.8	7.6	15.0	43
MEAN PRECIP "														3.1	2.9	3.9	3.7	3.5	3.6	4.4	4.7	3.6	3.2	3.7	3.7	44.0	43
MIN PRECIP "														.3	.7	1.1	.7	.2	.1	.7	.8	.8	.1	.2	.2	.1	43
D/W PRECIP > .01"														11	9	11	11	11	10	9	9	8	8	10	10	117	43
D/W PRECIP > .5"														2	2	3	3	2	2	3	3	2	2	3	3	30	43
MAX 24HR SNFL "														15	18	20	6	#	0	0	0	0	1	9	8	20	39
MAX SNFL "														18	27	27	9	#	0	0	0	0	1	9	14	27	39
MEAN SNFL "														7	7	4	1	#	0	0	0	0	#	1	4	24	39
D/W SNFL > .1"														4	3	2	#	0	0	0	0	0	#	#	2	11	39
D/W SNFL > 1.5"														2	1	1	#	0	0	0	0	0	0	#	1	5	39
MEAN WND DRCTN														W	NW	N	\$WNW	\$W	\$S	\$S	\$S	\$N	\$W	\$W	\$WNW	\$W	10
MEAN WND SPD Kts														7	7	7	7	5	5	4	4	4	5	6	7	6	10
MAX WND SPD** Kts														49	53	54	56	62	71	68	70	66	76	73	56	76	39
MEAN CLD CVR 10th														7	6	6	7	7	6	6	7	6	6	7	7	6	10
D/W TSTORMS														#	#	1	2	4	5	7	6	2	1	1	#	29	39
D/W FOG VSBY <7mi														13	12	14	14	17	18	20	22	19	17	14	14	194	39
Legend: ANN = Annual														YOR = Years of record				POR = Period of record									
D/W = Mean number of days with...														WCPA = "Worst case" (maximum) pressure altitude													
@ = Based on less than full months														# = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.													
** = Instantaneous peak winds																											
* = Data not available														\$ = Percentage of calm winds > mean direction													
REMARKS: Hurricanes/tropical storms observed (1900-1986):																											
														FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL			
Within 60NM														0/0	0/0	0/0	0/0	0/2	0/2	2/2	3/2	0/1	0/0	5/9			
Within 120NM														0/0	0/0	0/0	0/0	0/3	0/3	4/6	8/5	0/5	0/0	12/22			
Within 240NM														0/1	0/0	0/0	1/0	0/8	3/8	17/20	16/21	3/8	1/3	41/69			

A W S CLIMATIC BRIEF January 1988	Station Name: MCQUIRE AFB NJ												Field Elev: 133 ft		
	Latitude/Longitude: N40 01 W074 36												Station MSC: 724096		
	Hourly Obs POR: Aug 77 to Jul 87												Call Sign: KWRI		
	Summary of Day POR: Sep 42 to Mar 46												Supersedes: Jul 1983		
LST - GMT -5 Aug 48 to Jul 87															
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY LESS THAN 3000/3	00-02	21	21	14	21	24	17	18	20	19	19	27	21	20	10
	03-05	22	23	18	25	29	24	28	30	25	23	29	23	25	
	06-08	21	25	21	25	28	24	28	33	33	27	31	23	27	
	09-11	21	21	18	22	23	17	18	18	20	17	26	21	20	
	12-14	21	19	18	20	19	11	10	11	15	14	23	21	17	
	15-17	20	18	17	18	15	11	7	11	12	11	20	19	15	
	18-20	20	18	15	19	15	11	9	11	12	12	21	21	15	
	21-23	20	18	16	19	20	14	11	13	15	14	25	21	17	
00-24	21	20	17	21	22	16	16	18	19	17	25	21	19	10	
CIG/VSBY LESS THAN 1500/3	00-02	16	18	13	19	19	16	14	18	13	13	22	17	17	10
	03-05	17	29	14	21	25	23	26	27	20	18	24	18	21	
	06-08	16	21	16	22	26	21	26	30	28	22	23	19	23	
	09-11	16	18	14	17	17	13	11	12	15	13	20	16	15	
	12-14	16	16	13	13	11	7	4	5	7	8	14	14	11	
	15-17	15	14	12	13	10	8	4	6	6	7	13	14	10	
	18-20	16	15	13	14	11	9	4	9	8	9	14	15	11	
	21-23	16	15	13	16	16	12	8	12	11	10	19	15	14	
00-24	16	17	14	17	17	14	12	15	14	13	19	16	15	10	
CIG/VSBY LESS THAN 1000/2	00-02	13	16	11	16	15	12	9	10	10	11	18	13	13	10
	03-05	13	16	12	17	21	17	17	18	16	15	19	14	16	
	06-08	13	17	13	18	21	16	18	21	20	17	18	14	17	
	09-11	12	15	11	14	12	9	6	6	8	9	15	12	11	
	12-14	13	13	9	9	7	5	2	2	3	6	10	10	7	
	15-17	12	11	10	9	7	5	2	3	4	5	10	12	8	
	18-20	13	13	10	11	9	6	2	5	6	6	11	12	9	
	21-23	13	13	11	14	13	8	4	7	7	8	15	13	11	
00-24	13	14	11	14	13	10	8	9	9	10	15	13	12	10	
CIG/VSBY LESS THAN 200/1/2	00-02	2	3	1	2	4	4	2	3	1	4	4	2	3	10
	03-05	2	5	2	3	6	6	4	5	3	5	5	2	4	
	06-08	1	5	2	3	3	3	2	3	3	5	4	2	3	
	09-11	1	3	#	0	#	0	0	#	#	1	1	1	1	
	12-14	2	1	1	0	0	0	#	#	0	0	#	1	#	
	15-17	2	1	1	#	#	0	0	#	0	#	#	#	#	
	18-20	2	2	1	1	#	0	0	#	#	1	#	1	1	
	21-23	2	3	1	2	2	1	#	1	#	2	3	1	2	
00-24	2	3	1	1	2	2	1	2	1	2	2	1	2	10	

PREPARED BY: USAFETAC NOVEMBER 1966				STATION NAME: CANNON AFB NM LOCATION: N34 23 -103 19				PERIOD: JAN 43-JUN 66 ELBY: 4295 FT				ACV3 STN LTSS: RBC NO: 722666				
AWS CLIMATIC BRIEF																
M O N T	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)			
	MEAN				MONTHLY				MONTHLY				LST			
	MAX				MAX				MAX				MAX			
	MIN				MIN				MIN				MIN			
JAN	53	25	38	77	-11	.4	1.4	.0	.9	3	12	8	68	45	-11	21
FEB	54	23	42	80	1	.4	1.6	.0	1.2	3	19	7	68	42	-13	24
MAR	62	34	48	89	8	.3	2.4	.0	1.3	2	12	7	61	33	-14	26
APR	71	43	57	94	14	.7	2.1	.0	1.6	0	5	4	56	30	-18	32
MAY	79	51	65	98	31	1.7	6.7	.1	2.0	0	1	1	62	34	-27	42
JUN	83	61	74	106	42	2.2	5.5	.0	2.5	0	0	0	63	36	-39	52
JUL	90	65	78	105	55	2.7	11.4	.3	3.7	0	0	0	61	35	-45	56
AUG	89	64	76	105	49	2.5	7.1	.2	4.4	0	0	0	68	40	-47	57
SEP	81	57	69	100	29	1.7	5.9	.0	3.0	0	0	0	68	41	-38	51
OCT	71	46	59	95	22	1.5	6.2	.0	2.8	0	7	4	67	41	-25	40
NOV	59	34	47	84	4	.5	2.1	.0	1.7	2	12	5	68	41	-16	29
DEC	51	27	39	77	-11	.4	1.9	.0	1.6	3	9	8	66	43	-12	22
ANN	72	49	58	106	-11	15.2	11.4	.0	4.8	13	19	8	65	38	-23	18
BYR	39	39	39	39	39	36	36	36	36	36	36	36	10	10	10	10
REMARKS: RUSSHO FOR: HOURLY OBS: JUL 76-JUN 66 SUMMARY OF DAY DATA: JAN 43-NOV 46, DEC 51-JUN 66																
NOTE: * DATA NOT AVAILABLE ** INSTANTANEOUS PEAK WINDS % CALM WIND % PLVG DRYTH % RAIN 00 < FULL MONTH																
CAY PRES (SI)																
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	17	18	11	8	13	6	3	4	12	14	15	14	11		
	03-05	17	20	15	10	19	9	3	7	18	17	18	14	14		
	06-08	16	22	16	14	22	13	7	7	18	18	19	14	16		
	09-11	16	19	13	10	11	9	4	3	15	15	17	14	13		
	12-14	13	15	10	6	6	4	1	2	8	11	12	13	9		
	15-17	11	11	8	4	4	1	1	1	6	7	8	10	6		
	18-20	12	12	7	4	4	2	2	2	6	7	10	12	7		
	21-23	14	14	9	5	7	3	2	2	7	12	14	13	9	10	
ALL MRS																
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	14	16	9	5	14	7	3	3	11	14	15	12	9		
	03-05	14	18	11	6	14	7	4	6	11	14	15	12	11		
	06-08	14	20	13	10	16	10	5	6	14	14	16	13	13		
	09-11	14	16	10	6	6	3	2	4	9	11	15	12	9		
	12-14	11	17	5	3	3	2	1	1	5	5	6	10	5		
	15-17	10	6	5	2	3	1	1	1	5	4	6	8	5		
	18-20	10	9	4	3	3	1	1	1	4	6	8	10	5		
	21-23	12	13	8	4	5	2	2	2	6	9	11	12	7	10	
ALL MRS																
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	12	14	7	4	7	4	2	2	7	10	11	10	8		
	03-05	13	16	9	6	10	5	3	4	8	12	13	10	9		
	06-08	14	18	10	7	10	6	3	4	11	12	14	11	10		
	09-11	10	12	7	4	4	2	1	2	6	7	11	10	6		
	12-14	8	7	4	2	1	0	1	1	3	3	5	7	4		
	15-17	7	6	3	2	1	0	1	1	3	4	4	7	3		
	18-20	8	8	3	2	2	1	0	1	4	4	6	8	4		
	21-23	10	11	6	4	3	1	1	2	4	6	9	10	6	10	
ALL MRS																
CEILING LESS THAN 100 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	4	6	2	1	1	0	0	0	3	2	3	2			
	03-05	4	5	2	1	1	0	0	1	1	3	3	3	2		
	06-08	4	6	2	1	0	0	0	0	0	3	4	3	2		
	09-11	2	2	0	0	0	0	0	0	0	1	2	2	1		
	12-14	1	1	0	0	0	0	0	0	0	0	1	1	0		
	15-17	1	1	0	0	0	0	0	0	0	0	0	0	0		
	18-20	1	2	0	0	0	0	0	0	0	0	1	1	0		
	21-23	3	4	1	0	0	0	0	0	1	2	2	2	1	10	
ALL MRS																

CR DATED APR 1982 IS OBSOLETE

PREPARED BY: USAFETAC FEBRUARY 1987				STATION NAME: HULLMAN AFB NM LOCATION: N32 51 W106 06				PERIOD: SEP 42-AUG 86 B ELEV: 4693 FT				STN LTR: HNN SRC NO: 747320																																																																																																																																																																																																																																																																										
AWS CLIMATIC BRIEF												MEAN												SURFACE WINDS												MEAN NUMBER OF DAYS OCCURRENCE OF																																																																																																																																																																																																																																																		
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				RELATIVE HUMIDITY (%)	WIND DIRECTION (°)	WIND SPEED (MPH)	WIND GUST (MPH)	WIND SPEED (KTS)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)	WIND SPEED (MPH)	WIND GUST (KTS)

REMARKS: RUSSO POR:
HOURLY OBS: SEP 76-AUG 86
SUMMARY OF DAY DATA: SEP 42-AUG 86

NOTE: * DATA NOT AVAILABLE		# AMTS < UNITS SHOWN IN HEADINGS				** INSTANTANEOUS PEAK WINDS				S % CALM 60TH & PLVE 60CTH				3 BASED ON < FULL WINDS			
DAY FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYE		
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	6	3	1	2	0	0	0	0	2	3	5	4	2			
	03-05	7	1	1	2	0	0	0	0	3	3	5	4	3			
	06-08	9	4	2	2	0	0	0	0	3	3	5	6	3			
	09-11	8	3	4	2	0	0	0	0	3	3	4	5	3			
	12-14	6	2	3	2	0	0	0	0	3	4	4	3	2			
	15-17	3	2	3	4	0	0	0	0	2	2	3	3	2			
	18-20	4	2	2	3	0	1	0	0	1	2	3	3	2			
	21-23	4	1	1	1	0	0	0	0	2	3	3	4	2			
ALL HRS		6	2	2	2	0	0	0	0	2	3	4	4	2	10		
CEILING LESS THAN 100 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	4	1	0	2	0	0	0	0	1	1	3	3	1			
	03-05	5	2	1	2	0	0	0	0	2	3	4	3	2			
	06-08	7	2	1	1	0	0	0	0	2	2	4	5	2			
	09-11	7	2	1	2	0	0	0	0	2	2	3	4	2			
	12-14	5	1	2	2	0	0	0	0	2	2	2	3	2			
	15-17	2	1	2	3	0	0	0	0	0	1	2	2	1			
	18-20	3	1	4	3	0	1	0	0	0	0	1	2	1			
	21-23	2	0	0	1	0	0	0	0	1	0	2	3	1			
ALL HRS		4	1	1	2	0	0	0	0	1	1	3	3	1	10		
CEILING LESS THAN 100 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	4	0	0	1	0	0	0	0	0	1	3	2	1			
	03-05	4	1	1	1	0	0	0	0	1	2	3	3	1			
	06-08	6	1	1	1	0	0	0	0	1	2	3	3	2			
	09-11	6	2	1	1	0	0	0	0	1	1	3	3	2			
	12-14	3	1	2	2	0	0	0	0	1	1	2	2	1			
	15-17	1	1	1	2	0	0	0	0	0	0	1	1	1			
	18-20	2	1	1	2	0	0	0	0	0	0	1	2	1			
	21-23	2	0	0	1	0	0	0	0	0	0	1	2	1			
ALL HRS		4	1	1	1	0	0	0	0	1	1	2	2	1	10		
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	0	0	0	0	0	0	0	0	0	1	1	0			
	03-05	2	0	0	0	0	0	0	0	0	0	1	1	0			
	06-08	3	0	0	0	0	0	0	0	0	0	1	1	0			
	09-11	2	0	0	0	0	0	0	0	0	0	1	1	0			
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15-17	0	1	0	0	0	0	0	0	0	0	0	0	0			
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0			
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0			
ALL HRS		1	0	0	0	0	0	0	0	0	0	1	1	0	10		

[illegible]

[illegible]

[illegible]

PREPARED: SEA P7 DL-A115AELTAC/AS/MAC				STATION NAME: FT DRUM NEW YORK LOCATION: 44 44 03 N 74 05 44 W				ELEVATION: 600 FT GMT TO LST: -5				STATION ID: NGBB MSC # 743700							
CLIMATE BUREAU FOR LIMITED UNIT STATIONS				CAUTION: MEANS AND EXTREMES BELOW ARE ONLY FOR THE HOURS 0600 - 1700 LST PERIOD OF RECORD: JAN 74 - APR 97				THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY "MEANINGFUL" SUMMARIZATION, THEREFORE THEY WERE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.											
#	TEMPERATURES			RELATIVE HUMIDITY	VAPOR PRESS	DEW PT	PRESS PT	ALT FEET	SURFACE WINDS			NO ICE	TEMPERATURES			ANN YRS			
	DAILY MEAN	HIGH	LOW						PKLG	AVG	10M		EXT MAX (F)	MEAN (F)	EXT MIN (F)				
	(F)	(F)	(F)	(%)	(IN)	(F)	(IN)	(FT)	16PT	KTS	KTS	(IN)							
JAN	21	15	9	75	72	67	11	1700	W	8	8	34	62	61	63	25			
FEB	27	22	16	77	70	69	15	1450	W	7	8	43	20	21	33	25			
MAR	47	36	27	76	66	64	20	1350	W	8	8	42	31	34	34	25			
APR	54	47	47	74	62	62	30	1500	W	9	8	42	44	46	46	25			
MAY	65	57	49	75	58	53	46	4250	W	8	8	44	56	57	56	25			
JUN	73	56	47	75	52	52	53	1250	W	7	8	47	65	70	60	25			
JUL	79	71	61	78	56	52	61	1100	W	7	8	55	70	68	50	25			
AUG	77	69	61	74	61	60	59	1000	W	6	8	48	65	60	50	25			
SEP	68	61	53	75	65	62	52	1150	W	7	8	41	56	50	40	25			
OCT	56	49	42	75	65	62	41	1250	W	7	8	39	44	40	30	25			
NOV	44	39	34	74	72	69	32	1400	W	8	8	27	34	30	20	25			
DEC	35	26	21	74	76	73	22	1550	W	8	8	19	24	20	10	25			
ANN	57	46	39	75	65	62	38	1400	W	7	8	41	56	50	40	25			
YRS	12	12	12	75	65	62	38	1400	W	7	8	41	56	50	40	25			
REMARKS: ---APPROVED FOR PUBLIC RELEASE--- DISTRIBUTION IS UNLIMITED---																			
NOTE: IN THE EXTREME SUPPLEMENTAL SECTION, WE INDICATED ROUNDED VALUES BY ENDING THEM IN A DECIMAL. DATA FOR THIS SITE WERE VERY LIMITED RANGING FROM 5 TO 21 DAYS (AVERAGE 18 TO 21 DAYS) PER MONTH WITH 9 TO 10 OBSERVATIONS AVAILABLE PER DAY.																			
SYMBOLS: * DATA NOT AVAILABLE % PERCENT CALM > PREVAILING DIRECTION R AMOUNTS < UNITS SHOWN IN HEADING L SEE REMARKS																			
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS			
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI			41	32	28	26	21	25	16	30	27	31	34	48	30	9			
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI			17	12	13	12	10	9	9	14	9	12	15	20	13	9			
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI			1	1	2	1	0	0	0	1	1	2	3	4	2	9			

[illegible]

A W S CLIMATIC BRIEF APR 90	STATION NAME: GRIFFISS AFB NY LATITUDE/LONGITUDE: 43 14 N 075 24 W HOURLY OBS POR: AUG 79 - JUL 89 SUMMARY OF DAY POR: JUL 42 - JUL 89 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +05	FIELD ELEV: 504 FT STATION MSC: 725196 CALL SIGN: KRME SUPERSEDES: JAN 85
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MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	66	62	85	87	93	99	100	97	100	87	79	71	100	48
MEAN MAX TEMP (F)	29	31	40	55	67	76	81	79	71	60	46	33	56	48
MEAN TEMP (F)	20	22	32	45	56	65	70	68	60	50	39	26	46	48
MEAN MIN TEMP (F)	12	13	23	34	45	54	58	57	50	39	31	18	36	48
EXTRM MIN TEMP (F)	-30	-33	-27	0	19	32	38	35	26	16	1	-26	-33	48
D/W TEMP GE 90 (F)	0	0	0	0	1	1	3	2	1	0	0	0	8	48
D/W TEMP GE 80 (F)	0	0	#	1	4	11	19	15	5	1	0	0	56	48
D/W TEMP LT 33 (F)	29	26	25	14	3	#	0	0	1	7	17	28	150	48
D/W TEMP LT 0 (F)	6	5	1	0	0	0	0	0	0	0	0	3	15	48
HEATING DEGREE DAYS	1371	1197	1015	606	292	86	17	37	179	467	770	1199	7236	47
COOLING DEGREE DAYS	0	0	#	2	22	92	179	144	48	3	#	0	490	47
MEAN DEWPOINT TEMP (F)	12	16	22	34	45	53	59	58	52	40	32	21	37	10
MEAN WET BULB TEMP (F)	19	22	29	41	51	58	63	62	55	44	36	26	42	10
99.95% WCPA (FT)	1350	1250	1300	1200	1000	1000	850	850	950	1150	1200	1200	1150	10
MEAN REL HUM 07 LST(%)	69.8	72.4	72.9	73.2	73.6	78.3	78.6	83.0	84.4	79.8	78.4	77.0	76.8	10
MEAN REL HUM 13 LST(%)	62.2	60.0	57.1	54.9	52.9	55.3	53.3	57.9	61.0	59.7	66.1	67.6	59.0	10
MAX 24HR PRECIP (IN)	2.18	2.10	2.90	2.14	2.69	3.71	3.91	2.61	3.48	2.98	3.05	3.00	3.91	48
MAX PRECIP (IN)	8.12	7.98	6.42	8.36	7.11	9.90	7.51	7.87	9.81	8.69	8.69	7.19	57.83	48
MEAN PRECIP (IN)	3.81	3.33	3.32	3.67	3.78	3.85	3.84	3.53	4.01	3.37	4.26	4.13	44.84	48
MIN PRECIP (IN)	1.09	.65	.80	1.47	.81	.88	1.36	1.38	.77	.30	1.56	.90	36.85	48
D/W PRECIP GE .01 (IN)	19	16	16	14	13	12	11	11	11	12	17	19	171	48
D/W PRECIP GT .50 (IN)	2	2	2	2	2	3	3	2	3	2	3	2	28	48
MAX 24HR SNFL (IN)	25.1	24.2	12.6	9.3	3.0	0	0	0	0	.6	7.4	17.2	25.1	44
MAX SNFL (IN)	78.0	46.3	40.9	16.8	3.6	0	0	0	0	.7	20.8	53.9	180.6	44
MEAN SNFL (IN)	28.0	23.4	15.7	2.7	.2	0	0	0	0	.1	7.8	25.1	104.3	44
D/W SNFL GE .1 (IN)	16	14	10	2	1	0	0	0	0	1	5	15	64	44
D/W SNFL GE 1.5 (IN)	6	5	3	1	#	0	0	0	0	0	2	6	23	44
MAX DLY SNO DEPTH (IN)	36	53	40	10	#	0	0	0	0	1	12	30	53	44
PRVLNG WND DIR (DEG)	29-31	\$29-31	29-31	29-31	\$29-31	\$29-31	\$29-31	\$11-13	\$11-13	\$11-13	29-31	11-13	\$29-31	10
MEAN WND SPD (KTS)	6	6	6	6	5	4	4	3	4	5	6	6	5	10
MAX WND SPD (KTS)	59	58	66	56	60	73	51	56	60	66	52	49	73	44
SKY COVER GT 5/10 (%)	75.0	75.4	69.0	67.9	66.0	64.0	56.0	61.1	61.0	68.4	79.0	82.4	69.1	10
D/W THUNDERSTORMS	1	1	1	2	4	7	7	7	3	1	1	1	36	40
D/W FOG (VSBY LT 7 MI)	12	11	13	13	14	15	17	18	18	15	15	14	175	40

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH
& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN
WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	34.2	32.9	33.5	24.4	16.6	15.6	9.9	11.8	19.3	22.7	30.1	40.2	24.3	10
	03 - 05	36.9	35.1	35.5	27.9	21.6	24.0	17.6	22.2	24.0	25.3	34.9	41.6	28.9	10
	06 - 08	38.5	38.3	36.0	30.8	22.0	24.3	21.5	24.9	28.8	28.8	36.1	37.8	30.6	10
	09 - 11	37.5	35.0	35.3	31.4	18.8	20.2	11.5	15.5	20.4	26.8	34.0	37.0	26.9	10
	12 - 14	36.5	30.5	30.2	27.0	17.1	15.0	8.8	9.2	18.0	21.9	33.4	36.1	23.6	10
	15 - 17	37.0	31.4	27.3	24.6	13.9	12.7	8.2	7.7	15.8	17.8	31.3	37.4	22.1	10
	18 - 20	35.6	29.7	26.2	20.0	10.5	10.0	7.2	7.1	14.2	13.5	27.7	38.3	20.0	10
	21 - 23	35.1	32.4	30.2	18.6	11.1	11.8	6.8	8.7	15.2	16.6	29.1	40.0	21.3	10
	ALL	36.4	33.2	31.8	25.6	16.5	16.7	11.4	13.4	19.5	21.7	32.1	38.6	24.7	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	18.8	18.5	14.5	11.6	7.4	7.3	7.0	8.8	11.7	10.3	15.1	18.5	12.5	10
	03 - 05	17.6	18.0	17.1	13.6	12.7	14.7	13.8	17.5	15.4	12.2	15.0	19.7	15.6	10
	06 - 08	18.2	21.7	18.3	14.8	12.4	14.3	14.8	17.8	17.8	15.5	15.9	16.2	16.5	10
	09 - 11	21.8	20.7	16.2	11.0	7.3	9.2	4.7	7.1	10.2	11.2	15.7	20.9	13.0	10
	12 - 14	21.7	14.3	13.3	8.9	5.4	5.7	3.5	3.2	5.9	6.0	14.0	18.8	10.1	10
	15 - 17	18.5	14.6	11.3	7.2	5.2	2.8	3.4	4.3	6.0	5.6	14.2	19.4	9.4	10
	18 - 20	15.6	15.5	12.6	8.3	5.1	4.2	3.3	4.2	5.1	5.5	13.4	17.2	9.2	10
	21 - 23	17.2	17.0	13.5	5.9	4.5	5.6	3.8	6.2	6.2	7.8	15.4	17.8	10.1	10
	ALL	18.7	17.5	14.6	10.2	7.5	8.0	6.8	8.7	9.8	9.3	14.8	18.6	12.0	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	9.5	9.2	7.3	5.1	4.7	4.3	3.8	3.9	6.6	5.1	8.2	9.5	6.4
03 - 05		9.2	10.6	8.9	7.8	7.4	7.4	6.7	8.3	8.8	7.0	8.2	11.3	8.5	10
06 - 08		10.0	12.8	11.2	8.6	6.2	6.3	6.3	8.7	8.7	8.3	8.1	8.8	8.7	10
09 - 11		13.0	12.4	9.6	4.0	2.8	2.8	1.0	1.7	4.4	4.9	7.9	12.5	6.4	10
12 - 14		13.2	8.0	7.8	3.9	2.7	1.2	1.4	1.0	1.8	2.4	7.9	11.2	5.2	10
15 - 17		11.0	8.7	6.7	3.1	3.1	1.0	1.7	1.2	2.6	1.7	8.9	11.7	5.1	10
18 - 20		7.7	9.0	7.6	3.2	3.0	1.6	1.0	.5	2.6	2.0	7.4	8.7	4.5	10
21 - 23		7.4	9.8	7.5	3.4	2.4	3.2	1.2	1.3	2.6	3.1	9.1	8.3	4.9	10
ALL		10.1	10.1	8.3	4.9	4.0	3.5	2.9	3.3	4.7	4.3	8.2	10.2	6.2	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	.2	.9	.0	.2	.6	.6	.8	.5	2.2	1.6	.0	.2	.6
	03 - 05	.5	.6	.5	.7	1.2	1.3	2.7	2.4	2.1	2.0	.6	.6	1.3	10
	06 - 08	.6	.8	1.4	.8	1.3	.3	1.3	1.7	.9	1.7	.6	1.2	1.0	10
	09 - 11	.4	.6	.9	.1	.0	.0	.0	.0	.0	.4	.2	1.4	.3	10
	12 - 14	.4	.7	1.0	.0	.0	.1	.0	.0	.0	.0	.0	1.3	.3	10
	15 - 17	1.0	.6	.4	.0	.0	.0	.0	.0	.0	.0	.4	.9	.3	10
	18 - 20	.5	.6	.4	.1	.0	.0	.0	.0	.0	.0	.2	.6	.2	10
	21 - 23	.1	1.1	.1	.0	.1	.2	.0	.1	.2	1.0	.4	.2	.3	10
	ALL	.5	.7	.6	.2	.4	.3	.6	.6	.7	.8	.3	.8	.5	10
	HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:														
HR/TS	JUN	JUL	AUG	SEP	OCT	ANN									
60NM	0/0	0/0	0/3	0/0	0/0	0/3									
120NM	0/1	0/0	0/4	0/1	0/0	0/6									
240NM	0/1	1/2	3/9	3/9	0/1	7/22									
REMARKS : @															

AWS CLIMATIC BRIEF

JOHN F. KENNEDY INTL/TORONTO

PERIOD: 1948-70

WBAN # 96789

WMO # 74486

Prepared by ETAC (APR 1971)

W 40 38 W 73 47

NEW YORK

ELEVATION: 22 ft

STN LTRS: E37K

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)		MEAN				99.95% PRESSURE ALTITUDE	MEAN NUMBER OF DAYS	MEAN NUMBER OF DAYS								MEAN CLOUDS (Tenths)			
	EXTREME MAXIMUM	1.5	1.0	0.5	1.0	0.5	0.1	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (KTS)	0400 RELATIVE HUMIDITY (%)	1300	DEW POINT (°F)			VAPOR PRESSURE (in Hg)	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F)				
																								TEMPERATURE (°F)				
																								MAXIMUM MINIMUM				
																								90		80	70	60
JAN	69	38	26	0	3.2	1.6	7	13	WNW	11	45	71	62	23	.12	800	10	3	3	2	#	12	0	0	25	#	6	
FEB	62	39	25	-2	2.9	2.9	9	20	NW	12	40	71	60	23	.12	850	10	3	4	2	#	11	0	0	24	#	6	
MAR	72	46	31	7	4.2	2.3	5	8	NW	12	47	72	58	27	.15	750	12	1	3	1	1	9	0	0	15	0	6	
APR	82	58	40	26	3.5	1.8	#	1	S	11	40	76	56	38	.23	750	11	1	1	0	2	12	0	#	2	0	6	
MAY	99	70	51	34	3.7	2.9	#	#	S	10	33	79	56	47	.32	550	11	2	0	0	3	14	1	4	0	0	6	
JUN	99	79	61	45	3.4	1.8	0	0	S	10	47	82	58	58	.49	500	9	#	0	0	4	6	3	12	0	0	6	
JUL	104	85	67	55	4.0	3.2	0	0	SSW	9	33	82	58	63	.58	400	9	3	0	0	5	14	4	27	0	0	6	
AUG	101	83	66	46	5.0	6.6	0	0	SSW	9	40	83	59	63	.58	400	9	3	0	0	5	12	2	20	0	0	6	
SEP	94	76	59	40	4.2	5.8	0	0	S	9	40	82	57	56	.45	450	8	1	0	0	2	10	1	6	0	0	5	
OCT	84	66	49	25	3.2	3.2	#	1	SW	10	47	80	56	47	.32	550	7	2	#	0	1	6	0	2	1	0	5	
NOV	73	53	39	20	3.5	2.9	#	2	WSW	11	>56	75	59	36	.21	700	11	2	1	#	1	12	0	0	6	0	6	
DEC	68	41	28	5	3.2	2.1	6	8	W	11	47	73	62	26	.14	750	11	3	3	2	#	14	0	0	21	0	6	
ANN	104	61	45	-2	44.0	6.6	28	20	S	10	>56	77	58	42	.27	650	118	24	15	7	24	132	11	71	94	#	6	
EYR	12	30	30	12	30	23	12	14	17	17	17	17	17	17	17	16	12	2	2	2	12	2	9	2	9	9	17	

REMARKS:

¹CLIMAT NORMALS (1931-60)

²MEANS & EXT from 1970 NOAA/EDS LCD Annual Summary

Observed within: Jun Jul Aug Sep Oct Nov Dec Ann

³Refers to HIGHEST HRLY WIND SPEED class interval (FOR:) 60 NM 0/0 1/0 3/1 7/4 0/0 0/0 0/0 11/5

RUSSMO FOR: HRLY OBS: Jul 48 - Jun 65 (1900-70) 120 NM 1/0 3/1 9/5 10/7 0/0 0/0 0/0 23/13

DAILY OBS: Jul 48 - May 50, Jan-Jun 69 240 NM 2/0 5/2 19/9 28/17 6/2 1/1 1/0 62/31

(A) Hurricanes/Tropical Storms (B) Hurricanes only

NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and / or VSHY less than 3 miles	00 - 02	24	23	19	21	22	20	17	19	19	19	19	21	20	
	03 - 05	24	23	22	23	27	25	25	26	24	21	20	21	23	
	06 - 08	27	26	25	25	30	29	31	34	31	30	25	24	28	
	09 - 11	27	25	24	23	24	20	22	24	22	23	24	25	24	
	12 - 14	24	23	23	19	18	15	13	15	15	15	20	23	19	
	15 - 17	21	20	22	17	15	12	11	11	13	12	18	22	16	
	18 - 20	20	20	19	18	15	13	12	14	14	13	17	21	16	
	21 - 23	21	22	19	19	18	16	14	17	15	15	18	22	18	
	ALL HOURS	23	23	22	21	21	19	18	20	19	19	20	22	21	17
CIG less than 1500 feet and / or VSHY less than 3 miles	00 - 02	18	16	15	17	18	17	14	15	13	13	13	16	15	
	03 - 05	19	16	18	19	23	22	21	22	17	16	14	16	19	
	06 - 08	21	20	21	20	26	24	27	28	24	23	18	19	23	
	09 - 11	22	20	19	18	18	16	14	16	14	17	16	19	17	
	12 - 14	18	17	17	13	13	11	8	8	9	9	13	18	13	
	15 - 17	16	16	17	12	12	9	7	7	7	8	12	16	12	
	18 - 20	14	15	14	14	12	11	9	11	8	8	12	14	12	
	21 - 23	15	16	15	16	14	13	11	13	10	11	12	16	13	
	ALL HOURS	18	17	17	16	17	16	14	15	13	13	14	17	16	17
CIG less than 1000 feet and / or VSHY less than 2 miles	00 - 02	12	13	12	12	15	14	9	10	7	9	9	11	11	
	03 - 05	14	13	15	15	18	15	12	13	11	10	10	12	13	
	06 - 08	16	15	16	16	18	16	15	15	14	13	11	14	15	
	09 - 11	15	15	15	12	12	9	7	8	8	9	10	14	11	
	12 - 14	13	13	13	9	8	6	5	4	4	5	8	12	8	
	15 - 17	11	12	12	9	9	7	4	4	5	4	7	12	8	
	18 - 20	11	12	11	10	10	8	6	7	6	5	8	10	9	
	21 - 23	12	12	11	11	12	12	8	9	6	6	7	11	10	
	ALL HOURS	13	13	13	12	13	11	8	9	8	8	9	12	11	17
CIG less than 200 feet and / or VSHY less than 1 mile	00 - 02	3	3	3	3	3	3	1	1	1	2	1	2	2	
	03 - 05	3	2	2	2	4	4	1	1	1	2	2	2	2	
	06 - 08	4	2	2	3	3	3	1	1	1	2	3	2	2	
	09 - 11	3	3	2	1	1	1	#	#	#	1	2	2	1	
	12 - 14	3	2	2	1	#	#	#	0	0	0	1	2	1	
	15 - 17	2	2	1	2	0	0	#	0	#	#	1	2	1	
	18 - 20	2	2	1	2	2	1	#	#	#	#	1	1	1	
	21 - 23	3	3	3	2	2	2	1	1	1	1	1	2	2	
	ALL HOURS	3	2	2	2	2	2	1	1	1	1	1	2	2	17

A W S CLIMATIC BRIEF October 1987		Station Name: NIAGARA FALLS IAP NY Latitude/Longitude: N43 06 W078 57 Hourly Obs POR: Jul 77 to Jun 87 Summary of Day POR: Jun 51 to Jun 60 Oct 61 to Jul 64 LST - GMT -5 Nov 68 to Jun 87		Field Elev: 590 ft Station MSC: 725287 Call Sign: KIAG Supersedes Apr 1982										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	57	64	79	84	92	93	95	93	96	84	79	71	96	30
MEAN MAX TEMP °F	30	32	41	55	66	76	81	79	71	60	47	35	56	30
MEAN TEMP °F	24	26	33	46	57	66	71	70	62	52	41	30	48	30
MEAN MIN TEMP °F	17	19	26	36	46	56	62	60	53	43	34	24	40	30
XTRM MIN TEMP °F	-16	-17	-8	12	29	33	46	40	30	23	-2	-8	-17	30
D/W TEMP > 85°F	0	0	0	0	1	3	9	5	2	0	0	0	20	30
D/W TEMP > 80°F	0	0	0	1	3	10	18	15	5	#	0	0	52	30
D/W TEMP < 32°F	29	25	24	10	1	0	0	0	#	3	13	25	130	30
D/W TEMP < 10°F	7	6	1	0	0	0	0	0	0	0	#	3	17	30
VPR PRESS ("Hg)	.10	.10	.14	.20	.30	.42	.52	.52	.42	.27	.20	.13	.24	10
MEAN DEWPOINT °F	17	18	25	35	45	54	60	60	54	42	34	24	39	10
99.95% WCPA Ft	1500	1300	1350	1300	1100	1050	950	900	1000	1200	1250	1350	1200	10
MEAN RH 07 LST %	80	80	79	76	75	76	78	82	83	82	79	80	79	10
MEAN RH 13 LST %	74	71	64	59	56	56	55	60	62	62	69	73	63	10
MAX 24HR PRECIP "	1.4	3.1	2.3	1.6	1.9	2.5	2.0	3.2	4.4	2.4	1.7	1.3	4.4	30
MAX PRECIP "	4.6	4.5	5.0	4.7	6.5	4.9	5.8	9.0	7.9	7.2	7.5	4.7	9.0	30
MEAN PRECIP "	2.5	2.3	2.8	2.9	2.9	2.8	2.6	3.6	3.1	2.8	3.2	3.2	34.7	30
MIN PRECIP "	1.2	.6	.8	1.1	.7	.2	#	.8	1.1	.3	1.1	1.1	#	30
D/W PRECIP > .01"	18	15	14	13	11	10	9	10	10	11	15	18	154	30
D/W PRECIP > .5"	1	1	2	2	2	2	2	2	2	2	1	1	20	30
MAX 24HR SNFL "	11	16	10	6	#	00	0	0	#	30	10	10	16	30
MAX SNFL "	41	39	24	12	#	0	0	0	#	3	26	53	53	30
MEAN SNFL "	18	14	9	3	#	0	0	0	#	#	6	17	67	30
D/W SNFL > .1"	15	12	8	2	#	0	0	0	0	#	4	12	53	30
D/W SNFL > 1.5"	4	3	2	1	0	0	0	0	0	#	1	4	15	30
MEAN WND DRCTN	W	WSW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	10
MEAN WND SPD Kts	11	10	10	9	8	8	8	7	8	8	10	10	9	10
MAX WND SPD** Kts	58	510	60	51	56	420	480	42	38	390	560	45	60	4
MEAN CLD CVR 10th	9	8	8	7	7	6	6	7	7	7	8	9	7	10
D/W TSTORMS	#	#	1	3	3	6	6	6	4	1	1	#	31	30
D/W FOG VSBY < 7mi	14	14	15	13	14	14	15	18	16	14	15	15	177	30

Legend: ANN = Annual YOR = Years of record POR = Period of record
D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
@ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** = Instantaneous peak winds
* = Data not available \$ = Percentage of calm winds > mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	JUN	JUL	AUG	SEP	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/0	0/0	0/0	0/0
Within 240NM	0/1	0/0	0/4	0/1	0/6

A W S CLIMATIC BRIEF		Station Name: NIAGARA FALLS IAP NY										Field Elev: 590 ft			
		Latitude/Longitude: N43 06 W078 57										Station MSC: 725287			
		Hourly Obs POR: Jul 77 to Jun 87										Call Sign: KIAG			
October 1987		Summary of Day POR: Jun 51 to Jun 60													
		Oct 61 to Jul 64													
		LST - GMT -5										Nov 68 to Jun 87			
Supersedes: Apr 1982															
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	53	43	32	20	16	13	9	15	18	20	35	47	27	
	03-05	57	44	33	25	19	18	16	19	20	22	35	46	30	
	06-08	59	49	37	28	22	23	20	26	28	27	35	50	34	
	09-11	58	47	38	28	20	19	18	22	25	27	37	53	33	
	12-14	53	47	36	28	17	15	13	19	22	25	39	53	31	
LESS THAN	15-17	51	42	30	23	15	10	8	11	15	17	36	50	26	
	18-20	49	38	29	19	12	9	6	10	15	17	35	48	24	
	21-23	50	39	29	20	11	11	7	11	16	18	35	48	25	
	00-24	54	44	33	24	17	15	12	17	20	22	36	49	29	10
	CIG/VSBY	00-02	27	22	17	11	10	7	6	11	11	11	15	20	14
03-05		28	22	17	13	14	12	12	15	12	13	16	21	16	
06-08		32	26	22	17	14	17	16	21	19	17	17	24	20	
09-11		38	30	22	13	11	10	9	10	14	12	20	25	18	
12-14		29	25	16	10	7	6	5	8	9	10	18	27	14	
LESS THAN	15-17	29	21	14	9	5	5	4	5	7	8	17	26	13	
	18-20	25	20	14	9	6	6	4	6	9	8	14	23	12	
	21-23	24	21	16	9	7	6	4	7	11	9	15	22	13	
	00-24	29	23	17	11	9	9	8	10	12	11	17	24	15	10
	CIG/VSBY	00-02	18	14	14	7	8	4	3	5	7	9	11	14	10
03-05		20	14	13	9	9	8	7	7	9	9	12	14	11	
06-08		18	16	15	12	11	9	9	10	12	11	12	16	13	
09-11		21	20	13	8	6	5	4	3	8	9	12	18	11	
12-14		16	16	11	7	3	3	2	3	5	7	11	18	9	
LESS THAN	15-17	18	14	9	5	4	3	2	2	4	5	10	18	8	
	18-20	15	13	10	6	4	3	2	2	5	6	10	17	8	
	21-23	16	12	11	6	6	4	2	3	6	6	10	16	8	
	00-24	18	15	12	8	6	5	4	4	7	8	11	16	10	10
	CIG/VSBY	00-02	2	4	2	#	1	#	#	1	2	3	1	3	2
03-05		2	4	3	1	3	1	1	2	2	3	1	3	2	
06-08		2	3	2	2	2	1	1	2	2	4	2	2	2	
09-11		1	1	2	1	0	0	0	0	#	2	1	2	1	
12-14		1	3	1	#	#	0	0	0	#	#	1	3	1	
LESS THAN	15-17	2	3	1	0	0	0	0	0	#	#	1	3	1	
	18-20	2	2	1	#	#	0	0	0	#	1	1	2	1	
	21-23	1	3	2	1	#	#	#	0	1	2	1	3	1	
	00-24	2	3	2	1	1	#	#	1	1	2	1	3	1	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NIAGARA FALLS IAP, NY
 LOCATION: 4306N 7857W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 725287
 ELEVATION (FEET): 591
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: IAG
 LST = GMT-5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	59	64	79	91	92	94	98	97	90	81	78	71	98
MEAN DAILY MAX	1	31	32	43	55	67	75	81	79	70	59	48	35	56
MEAN	1	25	25	34	45	57	66	72	70	62	51	41	30	48
MEAN DAILY MIN	1	18	19	27	36	47	56	62	61	53	43	35	23	40
EXTREME MIN	1	-12	-15	-6	9	28	38	48	40	32	22	8	-12	-15
# DAYS GE 90	1	0	0	0	#	#	#	2	1	#	0	0	0	4
# DAYS LE 32	1	28	25	22	9	1	0	0	0	#	3	11	25	124
# DAYS LE 0	1	2	1	#	0	0	0	0	0	0	0	0	#	3
2. PRECIPITATION (INCHES)														
MAXIMUM	2	4.6	4.5	5.0	4.7	6.5	4.9	5.8	9.0	7.9	7.2	7.5	4.7	*
MEAN	2	2.5	2.3	2.8	2.9	2.9	2.8	2.6	3.6	3.1	2.8	3.2	3.2	34.7
MINIMUM	2	1.2	0.6	0.8	1.1	0.7	0.2	#	0.8	1.1	0.3	1.1	1.1	*
MAX 24 HR	2	1.4	3.1	2.3	1.6	1.9	2.5	2.0	3.2	4.4	2.4	1.7	1.3	4.4
# DAYS W/PRECIP	1	28	24	21	19	17	15	13	14	15	17	21	26	230
# DAYS GE 0.5	2	1	1	2	2	2	2	2	2	2	2	1	1	20
3. SNOWFALL (INCHES)														
MEAN	2	18	14	9	3	#	0	0	0	#	#	6	17	67
MAXIMUM	2	41	39	24	12	#	0	0	0	#	3	26	53	*
MAX 24 HR	2	11	16	10	6	#	0	0	0	#	3	10	10	16
# DAYS W/SNOW	1	24	20	13	6	0	0	0	0	0	1	8	22	94
# DAYS GE 1.5	2	4	3	2	1	0	0	0	0	0	#	1	4	15
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	78	79	79	78	82	84	85	86	85	81	77	78	81
RH (15 LST)	1	70	69	62	56	54	54	53	57	59	60	66	71	61
VAPOR PRESS	1	.11	.12	.15	.22	.33	.45	.55	.55	.43	.28	.21	.14	.29
DEWPOINT	1	18	18	26	34	45	54	60	60	53	42	33	23	39
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW
MEAN SPEED														
(PVLG DRCIN)	1	13	12	12	11	10	10	9	9	10	11	12	12	11
MEAN SPEFD														
(ALL OBS)	1	11	10	10	10	9	8	8	7	8	9	10	11	9
MAX PEAK GUST	1	65	52	59	60	51	54	53	46	53	49	95	53	95
PRESSURE ALT	2	1500	1300	1350	1300	1100	1050	950	900	1000	1200	1250	1350	1500
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	7	7	6	6	5	5	5	5	5	6	6	7	6
DAYS TSTMS	1	#	#	1	2	3	7	6	6	5	2	1	#	3
DAYS FOG LT 7	1	13	13	15	13	13	14	15	17	15	13	14	13	16
DAYS BNBD LT 7	1	0	0	0	#	0	0	0	0	0	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC AN

(NIAGARA FALLS IAP, NY)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%,
APPLICABLE \$ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MON

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS
2. AWS CLIMATIC BRIEF, OCT 87, PERIOD OF RECORD RANGING FROM 1

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	54	48	35	24	20	15	12	17	23	24	38	52
03-05 LST	57	51	37	27	25	22	18	25	25	28	38	50
06-08 LST	59	55	41	32	29	28	27	33	34	33	42	54
09-11 LST	56	52	42	31	27	24	23	27	31	34	43	56
12-14 LST	54	52	39	30	22	20	20	25	27	30	44	54
15-17 LST	52	48	36	26	19	13	12	17	19	22	40	53
18-20 LST	51	43	34	22	16	11	11	17	19	22	38	50
21-23 LST	52	45	33	22	17	13	9	16	19	22	38	52
ALL HOURS	54	49	37	27	22	18	16	22	25	27	40	53

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	28	29	20	13	12	9	9	13	14	13	17	25
03-05 LST	29	30	21	16	16	16	15	19	15	15	18	27
06-08 LST	34	34	26	21	20	22	24	28	25	22	20	29
09-11 LST	39	35	27	17	15	15	16	18	19	18	23	32
12-14 LST	33	31	22	13	11	10	10	13	13	12	22	31
15-17 LST	31	26	20	12	8	7	7	10	9	12	18	30
18-20 LST	26	24	19	12	9	8	9	13	12	10	17	26
21-23 LST	26	24	18	12	10	8	6	11	12	11	16	25
ALL HOURS	31	29	22	15	13	12	12	16	15	14	19	28

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	17	17	14	10	9	5	4	6	8	10	12	16
03-05 LST	19	18	13	11	11	9	8	10	10	11	12	16
06-08 LST	21	20	17	13	13	11	10	13	14	14	13	17
09-11 LST	23	23	17	10	9	6	5	5	9	10	14	10
12-14 LST	18	19	14	8	6	3	3	3	5	8	13	18
15-17 LST	18	15	12	8	5	2	2	2	5	7	10	18
18-20 LST	16	15	12	8	5	4	2	3	6	7	10	16
21-23 LST	17	16	13	9	7	4	2	4	6	7	10	16
ALL HOURS	18	18	14	10	8	6	5	6	8	9	12	17

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	2	4	4	1	2	2	1	1	2	3	2	3
03-05 LST	3	4	4	2	3	3	1	2	3	3	3	3
06-08 LST	2	4	4	3	3	2	1	2	2	4	3	3
09-11 LST	2	3	3	1	1	#	#	#	1	2	1	3
12-14 LST	2	3	2	1	#	0	#	#	#	#	1	3
15-17 LST	3	3	2	0	#	#	0	#	#	1	1	3
18-20 LST	2	2	2	1	1	#	#	#	1	2	?	2
21-23 LST	2	4	2	1	1	1	#	#	1	2	2	3
ALL HOURS	2	3	3	1	1	1	#	1	1	2	2	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NIAGARA FALLS IAP, NY
 LOCATION: 4306N 7857W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 725287
 ELEVATION (FEET): 591
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: IAG
 LST = GMT-5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	1	1	2	3	2	2	#	#	0	1
03-05 LST	#	0	#	#	1	2	3	2	1	#	#	0	1
06-08 LST	#	0	#	1	#	2	2	2	1	#	#	#	1
09-11 LST	#	0	#	#	#	1	1	1	1	#	#	0	0
12-14 LST	0	0	0	#	1	3	2	2	1	#	#	#	1
15-17 LST	#	0	#	1	1	2	3	2	1	#	#	0	1
18-20 LST	#	#	#	#	1	2	2	2	2	1	#	#	1
21-23 LST	0	0	#	1	1	3	2	2	2	#	#	0	1
ALL HOURS	13	#	#	1	1	2	2	2	1	#	#	#	2

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	11	16	13	8	6	7	11	13	14	9	10
03-05 LST	7	7	10	13	12	7	6	7	11	15	15	11	10
06-08 LST	7	8	10	12	14	8	7	7	13	14	14	11	10
09-11 LST	6	7	11	12	13	7	6	6	11	13	14	10	10
12-14 LST	7	7	10	11	11	8	6	7	8	11	15	11	10
15-17 LST	6	8	12	13	11	9	5	6	7	13	18	11	10
18-20 LST	6	9	11	12	11	8	5	6	9	13	18	11	10
21-23 LST	7	9	10	13	12	9	6	6	9	12	16	10	10
ALL H.	7	8	11	13	12	8	6	6	10	13	15	10	10

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	32	16	6	#	0	0	0	0	#	8	27	11
03-05 LST	39	34	16	7	#	0	0	0	0	1	9	27	11
06-08 LST	38	36	17	6	#	0	0	0	0	1	8	27	11
09-11 LST	37	33	16	6	#	0	0	0	0	#	9	28	11
12-14 LST	34	30	14	5	#	0	0	0	0	#	9	27	10
15-17 LST	32	26	14	6	#	0	0	0	0	#	7	25	9
18-20 LST	35	25	14	4	#	0	0	0	0	#	8	24	9
21-23 LST	36	30	14	6	#	0	0	0	0	#	7	26	10
ALL HOURS	36	31	15	6	#	0	0	0	0	#	8	26	10

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	4	4	2	#	#	#	1	3	6	10	4
03-05 LST	10	7	5	4	1	1	1	#	1	3	6	8	4
06-08 LST	12	6	5	5	2	1	1	#	1	3	6	9	4
09-11 LST	15	8	9	8	5	3	2	1	3	7	10	11	7
12-14 LST	19	9	12	11	8	5	3	2	5	10	15	14	9
15-17 LST	15	9	12	11	7	4	4	3	4	8	12	13	8
18-20 LST	11	8	7	6	3	2	1	1	1	4	7	11	5
21-23 LST	12	6	6	4	2	#	#	#	1	3	7	11	4
ALL HOURS	13	7	8	7	4	2	1	1	2	5	8	11	6

(NIAGARA FALLS IAP, NY)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, OCT 87, PERIOD OF RECORD RANGING FROM 10-

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	15	17	13	9	8	5	4	6	7	9	10	13
03-05 LST	17	17	12	10	11	9	8	9	9	10	11	14
06-08 LST	17	18	16	13	12	10	10	12	13	13	11	15
09-11 LST	21	21	15	9	8	6	4	4	7	9	11	18
12-14 LST	17	17	13	7	5	2	2	3	5	6	11	16
15-17 LST	16	14	11	7	4	2	1	2	4	6	9	17
18-20 LST	14	14	11	7	5	3	2	3	5	6	9	14
21-23 LST	15	14	12	7	7	4	2	3	6	6	9	15
ALL HOURS	16	16	13	9	8	5	4	5	7	8	10	15

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	9	11	9	6	6	4	3	4	5	7	6	9
03-05 LST	9	12	9	7	8	7	5	6	6	7	8	9
06-08 LST	9	12	12	9	9	7	6	7	8	9	7	11
09-11 LST	14	14	11	6	5	2	2	2	4	6	8	12
12-14 LST	11	10	9	4	3	1	1	1	2	3	6	11
15-17 LST	11	9	8	4	3	1	1	1	3	3	6	12
18-20 LST	9	10	7	5	4	1	1	1	3	3	6	9
21-23 LST	8	9	8	5	4	2	1	2	4	4	6	10
ALL HOURS	10	11	9	6	5	3	2	3	4	5	7	10

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	4	7	6	3	4	3	1	2	3	4	3	6
03-05 LST	5	7	6	4	5	4	3	3	4	5	5	5
06-08 LST	5	7	7	5	6	4	3	4	4	6	5	6
09-11 LST	9	9	7	3	2	1	#	#	2	3	4	7
12-14 LST	6	6	6	2	1	#	#	#	1	1	3	7
15-17 LST	7	7	5	2	1	#	#	1	1	1	3	8
18-20 LST	4	6	4	2	2	1	#	#	1	2	3	5
21-23 LST	4	6	5	3	2	1	1	1	2	3	3	6
ALL HOURS	6	7	6	3	3	2	1	1	2	3	4	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02 LST	1	2	2	1	1	1	#	1	2	3	1	2
03-05 LST	2	3	3	1	2	2	1	1	2	2	2	1
06-08 LST	1	2	2	2	2	1	#	1	2	3	2	1
09-11 LST	1	1	1	0	#	0	0	#	#	1	1	1
12-14 LST	1	1	1	#	#	0	0	0	#	#	0	1
15-17 LST	1	2	1	#	#	0	0	0	#	#	0	1
18-20 LST	1	1	1	#	#	#	#	#	#	1	1	1
21-23 LST	#	2	2	1	1	#	#	#	1	1	1	1
ALL HOURS	1	2	2	1	1	1	#	#	1	1	1	1

A W S CLIMATIC BRIEF May 1988	Station Name: PLATTSBURGH AFB NY										Field Elev: 235 ft			
	Latitude/Longitude: N44 39 W073 28										Station MSC: 726225			
	Hourly Obs POR: Jan 78 to Dec 87										Call Sign: KPBG			
	Summary of Day POR: Jan 56 to Dec 87 LST = GMT -5										Supersedes: Feb 1984			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	58	59	80	89	95	97	98	95	94	86	71	63	98	32
MEAN MAX TEMP °F	25	27	38	52	65	74	79	76	68	56	44	31	53	32
MEAN TEMP °F	16	19	30	43	55	64	69	67	58	47	37	24	44	32
MEAN MIN TEMP °F	7	9	22	34	44	54	59	57	49	38	30	16	35	32
XTRM MIN TEMP °F	-34	-25	-12	10	24	34	42	37	26	17	1	-23	-34	32
D/W TEMP > 85°F	0	0	0	#	1	2	5	3	1	#	0	0	12	32
D/W TEMP > 75°F	0	0	#	1	5	14	23	19	6	1	0	0	69	32
D/W TEMP < 32°F	30	27	26	14	2	0	0	0	1	9	19	28	156	32
D/W TEMP < 00°F	10	8	1	0	0	0	0	0	0	0	0	4	23	32
VAPOR PRESS "Hg	.06	.07	.11	.17	.28	.39	.49	.47	.35	.23	.15	.10	.20	10
MEAN DEWPOINT °F	7	9	20	31	43	52	58	57	49	38	28	17	34	10
99.95% WCPA Ft	1300	1000	1100	1000	800	800	700	650	750	950	1000	1100	950	10
MEAN RH 07 LST %	68	68	71	69	69	74	75	78	80	79	75	73	73	10
MEAN RH 13 LST %	62	58	57	53	53	57	57	61	61	63	64	65	59	10
MAX 24HR PRECIP "	1.8	2.1	1.4	1.8	1.6	1.8	1.9	3.0	3.1	1.5	1.8	1.8	3.1	32
MAX PRECIP "	4.2	4.5	3.5	6.1	5.9	7.7	6.7	6.5	5.6	5.3	5.3	4.9	7.7	32
MEAN PRECIP "	1.7	1.6	1.9	2.3	2.6	2.8	2.8	3.3	2.8	2.5	2.4	2.2	41.4	32
MIN PRECIP "	.2	.3	.2	.6	.5	.4	1.0	.3	.5	.4	.6	.5	23.0	32
D/W PRECIP > .01"	12	9	10	10	12	11	11	11	10	10	12	13	131	32
D/W PRECIP > .5"	1	1	1	1	1	2	1	2	2	2	1	1	16	32
MAX 24HR SNFL "	18	21	18	16	2	0	0	0	#	2	9	18	21	32
MAX SNFL "	39	45	39	21	3	0	0	0	#	2	14	49	114	32
MEAN SNFL "	15	13	11	3	#	0	0	0	#	#	5	16	63	32
D/W SNFL > .1"	10	8	6	2	#	0	0	0	0	#	3	9	38	32
D/W SNFL > 1.5"	3	3	2	#	#	0	0	0	0	#	1	3	12	32
MEAN WND DRCTN	\$N	\$N	\$N	\$N	\$SSE	\$SSE	\$SSE	\$SSE	\$S	\$S	\$S	\$S	\$SSE	10
MEAN WND SPD Kts	6	5	6	7	6	5	5	4	5	5	6	6	5	10
MAX WND SPD** Kts	58	50	47	52	47	48	48	52	45	43	48	53	58	32
MEAN CLD CVR 10th	7	7	7	7	7	7	6	6	6	7	8	8	7	10
D/W TSTORMS	#	0	#	1	3	6	7	6	2	1	#	#	26	32
D/W FOG VSBY <7mi	6	7	8	8	8	8	8	9	9	8	9	8	96	32
Legend: ANN = Annual YOR = Years of record POR = Period of record D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude # = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** = Instantaneous peak winds * = Data not available \$ = Percentage of <u>calm</u> winds > mean direction														
REMARKS: Hurricanes/tropical storms observed (1900-1986):														
		JUN	JUL	AUG	SEP	OCT	ANNUAL							
Within 60NM		0/0	0/0	0/0	0/0	0/0	0/0							
Within 120NM		0/0	0/1	1/0	0/0	0/0	1/1							
Within 240NM		0/1	1/2	2/5	3/1	0/1	6/10							

A W S
CLIMATIC BRIEF
May 1988

Station Name: PLATTSBURGH AFB NY
Latitude/Longitude: N44 39 W073 28
Hourly Obs POR: Jan 78 to Dec 87
Summary of Day POR: Jan 56 to Dec 87
LST - GMT -5

Field Elev: 235 ft
Station MSC: 726225
Call Sign: KPBG
Supersedes: Dec 1984
Supersedes: Dec 1984

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YC
CIG/VISBY LESS THAN 3000/3	00-02	19	14	16	12	9	4	5	6	7	10	16	21	12	
	03-05	18	16	18	14	11	8	5	8	8	11	16	24	13	
	06-08	19	17	19	12	10	7	3	10	9	12	16	23	13	
	09-11	18	15	15	12	10	6	3	8	8	11	16	21	12	
	12-14	17	13	12	10	7	4	3	5	6	8	15	16	10	
	15-17	18	13	11	9	7	4	4	5	6	5	16	17	10	
	18-20	19	14	13	11	7	5	4	6	6	7	16	20	11	
	21-23	17	14	16	11	6	5	4	6	7	9	17	19	11	
	00-24	18	15	15	11	8	5	4	7	7	9	16	20	11	10
CIG/VISBY LESS THAN 1500/3	00-02	12	9	11	7	7	3	4	4	5	4	10	12	7	
	03-05	13	10	11	8	8	6	3	7	6	6	10	12	8	
	06-08	14	12	11	6	7	5	2	9	8	9	10	11	9	
	09-11	15	11	9	5	5	4	3	6	6	7	10	12	8	
	12-14	13	10	8	5	5	3	2	4	4	5	9	10	7	
	15-17	14	9	9	4	4	3	3	3	5	3	10	13	7	
	18-20	13	10	10	6	4	4	3	4	5	3	10	12	7	
	21-23	12	9	11	6	5	4	3	3	5	4	10	11	7	
	00-24	13	10	10	6	6	4	3	5	6	5	10	12	8	10
CIG/VISBY LESS THAN 1000/2	00-02	8	7	8	5	6	1	2	2	3	3	7	8	5	
	03-05	9	7	8	5	6	2	2	3	4	5	7	8	6	
	06-08	10	9	8	3	5	3	1	4	4	7	7	7	6	
	09-11	9	8	6	3	3	2	1	2	4	6	7	8	5	
	12-14	9	8	5	3	3	1	1	2	2	4	6	7	4	
	15-17	10	6	7	3	3	1	1	1	2	2	8	9	4	
	18-20	9	7	8	4	3	2	1	2	4	2	7	7	5	
	21-23	8	7	7	4	4	2	1	2	2	3	6	8	5	
	00-24	9	7	7	4	4	2	1	2	3	4	7	8	5	10
CIG/VISBY LESS THAN 200/1/2	00-02	1	1	1	1	1	0	#	0	#	#	#	1	1	
	03-05	1	1	#	1	1	1	0	0	#	1	1	1	1	
	06-08	2	2	1	#	#	1	0	0	#	2	#	1	1	
	09-11	1	1	#	#	#	0	0	0	0	#	#	1	#	
	12-14	1	1	1	#	0	0	0	0	0	0	0	#	#	
	15-17	1	1	1	0	0	0	0	0	0	0	0	#	#	
	18-20	1	1	1	#	#	0	0	0	#	#	#	#	#	
	21-23	2	1	1	#	#	0	0	0	#	#	#	#	#	
	00-24	1	1	1	#	#	0	#	0	#	#	#	1	#	1

PREPARED BY AUGUST		USAFETAC 1976		STATION NAME LOCATION		ROCHESTER NY (MONROE CO APT) N43 07 W077 40		PERIOD ELEV		JAN 48-MAY 76 360		STN LTRS WMO NO		ADJ 14758 72529		
AWS CLIMATIC BRIEF																
M O N T	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				RELATIVE HUMIDITY (%)			
	MEAN				MONTHLY				MONTHLY				1% 5% 95% 99%			
	DAILY				MAX				MAX				LST			
	MAX	MIN	MON	THLY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MAX	MIN	MAX	MIN
JAN	32	17	25	74	-16	2.2	4.1	9	1.2	2.2	6.8	18	76	68	10	19
FEB	33	18	26	67	-16	2.5	5.1	7	1.8	2.3	6.8	18	76	66	10	17
MAR	41	25	33	79	-5	2.6	5.0	5	1.5	1.5	4	17	77	63	14	25
APR	50	36	46	93	13	2.6	4.1	1.3	1.3	3	15	0	79	53	19	33
MAY	67	46	57	94	26	2.7	6.4	5	3.5	4	1	1	83	57	30	45
JUN	78	56	67	100	35	2.8	6.6	2	2.6	0	0	0	86	58	45	56
JUL	82	60	72	98	42	2.4	5.6	1.0	2.3	0	0	0	87	54	52	60
AUG	80	59	70	99	36	3.1	6.0	0.8	1.9	0	0	0	89	56	52	60
SEP	73	51	62	99	30	2.3	4.0	0.3	2.0	0	0	0	89	61	42	54
OCT	64	42	52	91	20	2.4	7.9	0.2	2.4	0	1	1	84	62	29	44
NOV	48	33	41	81	5	2.9	5.5	0.7	2.0	0	7	17	83	71	20	34
DEC	38	23	30	69	-7	2.4	4.6	0.6	1.2	1.5	4.6	9	82	76	13	24
ANN	57	39	48	100	-16	30.0	7.9	2	3.3	9.0	6.5	18	83	62	24	39
BYR	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
REMARKS																
RUN-500: FTR:																
DAILY OBS: JAN 48-MAY 76																
DAILY OBS: JAN 48-MAY 76																
NOTE: * DATA NOT AVAILABLE																
* AMTS < UNITS SHOWN IN HEADING																
** INSTANTANEOUS PEAK WINDS																
S % CALM GTR % PLVG DRETN																
BASED ON FULL MONTHS																
CEILING LESS THAN 2000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	46	45	31	24	18	6	4	7	13	10	33	46	24		
	03-05	41	49	29	26	17	15	9	14	17	19	44	48	27		
	06-08	44	52	37	28	22	15	13	21	23	23	41	50	32		
	09-11	46	50	43	33	31	24	10	23	26	23	41	52	34		
	12-14	45	49	37	30	28	16	8	17	22	18	40	50	30		
	15-17	46	44	31	23	21	11	9	14	15	20	37	51	27		
	18-20	40	41	35	18	14	8	7	10	10	17	35	45	23		
	21-23	37	43	32	19	17	6	3	7	12	16	37	43	23		
	ALL MRS	43	47	34	25	21	14	8	14	17	19	39	48	27		5
	CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	21	19	19	13	9	4	2	4	7	6	15	21	12	
03-05		19	23	16	14	9	8	7	10	9	8	20	21	14		
06-08		18	24	23	15	12	15	11	17	15	11	15	28	17		
09-11		22	29	23	13	9	9	2	12	12	10	19	31	16		
12-14		17	23	16	13	8	5	3	6	7	7	15	29	12		
15-17		18	20	16	13	9	5	6	5	6	7	15	24	12		
18-20		15	16	17	11	6	3	4	3	6	5	10	18	10		
21-23		15	16	15	11	7	1	1	7	8	8	14	20	10		
ALL MRS		18	21	18	13	9	6	3	7	9	8	15	24	13		5
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1 1/2 MI		00-02	14	12	12	11	5	3	1	1	5	5	10	14	8	
	03-05	9	12	10	11	8	5	5	8	6	6	23	12	8		
	06-08	11	14	16	11	6	7	5	9	8	8	11	16	10		
	09-11	14	21	15	9	4	5	8	5	6	6	13	20	10		
	12-14	9	14	11	8	6	4	1	2	4	3	8	16	7		
	15-17	10	10	10	10	6	3	2	1	5	5	9	15	7		
	18-20	9	8	13	10	3	1	1	8	3	3	6	10	6		
	21-23	7	9	9	9	3	1	1	5	5	5	9	13	6		
	ALL MRS	11	12	12	10	5	4	2	3	5	5	10	15	8		5
	CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	0	1	0	1	1	0	0	8	0	1	0	8	
03-05		8	1	1	8	1	1	1	1	1	1	2	8	1		
06-08		9	2	1	1	1	1	0	1	1	1	2	8	1		
09-11		0	4	1	1	0	0	0	0	0	0	8	8	8		
12-14		8	1	2	8	1	0	0	0	0	0	8	8	8		
15-17		8	8	1	1	0	0	0	0	0	0	8	8	8		
18-20		0	0	2	1	0	0	0	0	0	0	0	0	0		
21-23		1	0	1	0	0	0	0	0	0	8	8	8	8		
ALL MRS		8	1	1	1	1	0	0	8	8	8	1	8	8		5

AWS CLIMATIC BRIEF														STEWART (AFB)/NEWBURGH, NEW YORK										PERIOD 1942-69										WBAN # 14714 WMO #																				
Prepared by ETAC (JAN 1972)														N 41 30 W 74 06										FIELD ELEVATION: 471 (1) STN LTRS. ISVT																														
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)	WIND (KT)				MEAN				MEAN NUMBER OF DAYS												TEMPERATURE (°F)				MEAN CLOUDS (TEXTILES)																								
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM		MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	0400 RELATIVE HUMIDITY (%)	1300	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99.9%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)																													
																									MAXIMUM				MINIMUM																									
																									IV	IV	IV	IV	IV		IV	IV	IV																					
JAN	67	34	18	-17	2.7	1.5	12	12	W	9	62	76	65	18.10	1250		11	2	6	3	#	12	0	0	28	2	6																											
FEB	76	36	19	-20	2.7	2.2	13	22	W	9	62	75	63	18.10	1350		10	2	6	2	0	10	0	0	25	2	6																											
MAR	85	46	28	-10	3.1	1.6	11	13	WNW	10	63	76	59	26.14	1250		11	2	5	2	1	11	0	#	22	#	6																											
APR	90	59	38	17	3.5	2.2	2	9	W	9	55	77	55	36.21	1200		11	3	1	#	2	10	#	1	7	0	6																											
MAY	92	69	48	26	3.9	3.9	#	#	WSW	8	66	82	54	46.31	1000		12	3	0	0	4	12	#	5	#	0	6																											
JUN	98	79	57	35	3.4	3.4	0	0	WSW	7	84	85	56	57.47	950		10	3	0	0	5	11	3	15		0	6																											
JUL	101	84	62	44	3.6	3.3	0	0	WSW	6	69	86	55	62.56	850		10	2	0	0	6	12	5	23		0	6																											
AUG	100	81	61	38	3.7	4.8	0	0	WSW	6	59	87	57	62.54	800		9	2	0	0	5	15	3	19		0	6																											
SEP	102	74	53	28	3.3	3.5	0	0	WSW	6	61	87	58	54.42	900		8	2	0	0	2	13	1	8		0	5																											
OCT	88	64	43	22	3.2	6.5	#	#	WSW	7	75	84	56	43.28	1050		8	2	0	0	1	12	0	2		3	0	5																										
NOV	82	50	33	11	3.7	2.9	2	7	W	8	84	79	61	33.19	1200		11	2	1	#	#	11	0	#	15	0	6																											
DEC	67	37	21	-19	3.4	2.6	9	20	W	9	57	76	64	21.11	1200		10	2	5	2	#	11	0	0	27	1	6																											
ANN	102	59	40	-20	4.2	6.5	49	22	W	8	84	81	59	40.25	1100		121	27	24	9	26	140	12	73		127	5	6																										
EYR	26	26	26	26	26	23	23	27	27	22	27	27	27	27	24		26	26	23	23	26	26	26	26	26	26	26	26	26	26	26	26	26																					
REMARKS																																																						
Number Observed Within:										A/B										A/B										A/B																								
(POR: 1900-1970)										60										120										5/0																								
(A) Hurricanes/Tropical Storms										120										120										13/5																								
(B) Hurricanes Only										240										240										43/22																								
RUSSMO POR: Hrly Obs: 4208-6903, 6905-6912; Daily Obs: 4209-6901.																																																						
NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.																																																						
FLYING WEATHER (% FREQ)					HOURS (LST)					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR																															
CIG less than 3000 feet and/or VSBY less than 3 miles					00-02	26	23	23	18	20	16	14	16	19	18	22	23	20																																				
					03-05	26	23	24	23	23	21	19	22	26	22	24	25	23																																				
					06-08	28	25	25	23	25	22	20	28	31	26	27	26	26																																				
					09-11	26	23	25	21	23	19	17	20	24	19	26	25	22																																				
					12-14	24	22	23	20	19	15	14	15	18	16	23	23	19																																				
					15-17	24	21	22	18	17	14	11	12	13	13	22	24	18																																				
					18-20	22	20	20	17	16	13	10	11	14	13	21	23	17																																				
					21-23	23	22	21	17	16	13	11	12	16	15	21	23	18																																				
ALL HOURS					25	22	23	20	20	16	15	17	20	18	23	24	20																																					
CIG less than 1500 feet and/or VSBY less than 3 miles					00-02	18	17	16	12	14	11	10	11	13	11	14	16	14																																				
					03-05	19	17	18	16	17	15	14	16	19	16	18	17																																					
					06-08	21	19	19	17	19	16	16	22	24	20	20	20	19																																				
					09-11	21	17	18	14	15	11	9	12	14	14	18	21	15																																				
					12-14	18	15	16	11	12	9	5	7	10	8	14	18	12																																				
					15-17	17	15	15	11	11	8	5	6	8	8	14	18	11																																				
					18-20	16	16	14	11	11	9	6	7	9	8	13	17	11																																				
					21-23	16	17	13	12	11	9	7	8	10	9	14	17	12																																				
ALL HOURS					18	17	16	13	14	11	9	11	13	12	15	18	14																																					
CIG less than 1000 feet and/or VSBY less than 2 miles					00-02	12	12	11	9	10	7	5	6	8	7	8	12	9																																				
					03-05	13	12	13	12	13	10	8	10	12	11	11	12	11																																				
					06-08	15	14	14	12	13	11	9	15	16	15	14	14	14																																				
					09-11	16	12	13	8	9	6	4	6	9	9	12	14	10																																				
					12-14	14	10	12	7	7	5	2	4	5	4	9	12	8																																				
					15-17	13	12	11	6	6	5	2	3	5	5	8	13	7																																				
					18-20	12	12	11	6	7	5	2	4	5	5	8	12	7																																				
					21-23	12	12	10	7	8	5	4	5	6	5	8	11	8																																				
ALL HOURS					13	12	12	8	9	7	5	7	8	7	10	12	9																																					
CIG less than 200 feet and/or VSBY less than 1/2 mile					00-02	3	3	2	2	2	2	1	1	2	1	2	2																																					
					03-05	3	3	2	2	2	2	2	2	4	4	3	3	3																																				
					06-08	4	3	3	2	1	1	1	3	4	5	3	4	3																																				
					09-11	4	3	2	1	#	0	0	0	#	1	1	3	1																																				
					12-14	3	2	1	#	0	#	0	#	0	0	1	2	1																																				
					15-17	3	3	2	1	#	0	0	#	#	#	1	3	1																																				
					18-20	3	3	1	1	#	1	0	0	#	#	1	2	1																																				
					21-23	3	3	2	1	1	1	#	1	1	2	2	2	1																																				
ALL HOURS					3	3	2	1	1	1	1	1	1	2	2	3	2																																					

AWS CLIMATIC BRIEF															SUFFOLK CO. AFB/WESTHAMPTON BEACH, N.Y.										PERIOD 1943-67B										WBAN # 14719 WMO #																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Prepared by ETAC (MAY 1970)															N 50 51 W 72 38										ELEVATION: 77 ft										STN LTRS KFDK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				MEAN NUMBER OF DAYS										TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED	RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99-95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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REMARKS

RUSSWO POR: Hourly Obs: Aug 43-Nov 45, May 51-Aug 57
 Daily Obs: Aug 43-Nov 45, May 51-Dec 65, Feb-May 66

NOTE: *DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	26	24	26	28	27	30	33	31	30	25	26	25	28	
	03-05	27	27	28	31	31	36	39	37	36	28	26	27	31	
	06-08	29	30	29	31	29	30	34	34	34	29	26	27	30	
	09-11	28	26	27	27	24	24	26	25	27	24	25	22	25	
	12-14	26	24	27	25	20	20	21	24	23	21	24	23	23	
	15-17	24	23	24	24	21	20	21	20	21	19	24	25	22	
	18-20	24	23	24	26	23	22	24	24	24	21	25	25	24	
	21-23	25	23	25	26	25	25	28	20	25	23	24	25	25	
	ALL HOURS	26	25	26	27	25	26	28	26	28	24	25	25	26	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	19	18	21	23	23	28	30	29	25	20	18	20	23	
	03-05	20	21	23	26	27	33	37	33	29	22	19	19	26	
	06-08	23	24	24	27	25	28	32	31	28	23	20	21	26	
	09-11	22	20	22	23	19	19	22	20	19	16	17	17	20	
	12-14	19	17	20	19	15	15	17	17	16	13	15	17	17	
	15-17	19	17	19	19	17	16	19	15	16	13	17	19	17	
	18-20	18	19	19	22	19	19	22	21	20	15	18	18	19	
	21-23	18	19	19	22	21	23	26	24	21	18	17	19	21	
	ALL HOURS	20	19	21	23	21	23	26	24	22	18	18	19	21	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	15	15	17	19	19	23	25	22	20	16	13	15	18	
	03-05	15	16	20	22	21	26	30	25	22	17	15	16	20	
	06-08	17	18	19	22	21	22	25	23	21	18	15	16	20	
	09-11	17	17	18	18	15	15	17	15	14	12	12	14	15	
	12-14	15	14	16	15	12	11	12	12	11	8	11	13	13	
	15-17	15	14	15	16	14	12	14	11	11	9	12	14	13	
	18-20	14	15	15	18	16	15	17	14	14	11	12	14	15	
	21-23	15	15	16	19	18	18	20	17	16	14	13	15	16	
	ALL HOURS	15	15	17	19	17	18	20	18	16	13	13	15	16	19
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	4	5	4	5	8	9	6	5	5	4	4	3	5	
	03-05	3	5	4	7	8	10	9	7	6	5	5	3	6	
	06-08	4	3	5	6	5	5	5	4	4	4	4	3	4	
	09-11	4	4	3	2	1	1	1	#	1	1	2	2	2	
	12-14	3	4	3	2	1	1	1	#	#	#	1	2	1	
	15-17	3	3	3	3	2	1	1	1	1	1	1	3	2	
	18-20	3	3	3	5	5	3	3	2	3	1	3	3	3	
	21-23	4	3	4	4	7	5	5	3	4	3	4	3	4	
	ALL HOURS	4	4	4	4	5	5	4	3	3	2	3	3	3	19

PREPARED BY: USAPETAC OCTOBER 1984				STATION NAME: WATERTOWN NY LOCATION: N44 00 W076 01				PERIOD: MAY 49-DEC 83 B ELEV: 325 FT				STN LTR: RART REC NO: 726227																								
AWS CLIMATIC BRIEF												MEAN NUMBER OF DAYS OCCURRENCE OF:																								
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				PRECIP (IN)				SHOWFALL (IN)				TEMPERATURE (°F)							
	DAILY				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY				MONTHLY			
	MAX	MIN	MEAN	STDEV	MAX	MIN	MEAN	STDEV	MAX	MIN	MEAN	STDEV	MAX	MIN	MEAN	STDEV	MAX	MIN	MEAN	STDEV	MAX	MIN	MEAN	STDEV	MAX	MIN	MEAN	STDEV								
JAN	28	9	19	6.5	-38	2.1	4.8	5	1.5	24	91	21	76	71	0.07	81	1250	5	9	7	15	1	31	4	8	11	0	0	29	9						
FEB	29	11	20	6.3	-34	1.6	5.5	3	2.1	14	84	19	77	67	0.08	74	1150	5	9	7	11	1	7	3	8	10	0	0	26	7						
MAR	40	22	32	8.4	-16	2.1	3.6	2	1.9	9	33	21	77	65	0.13	74	1150	5	9	7	12	1	6	2	1	12	0	0	26	1						
APR	53	33	43	9.7	6	2.1	4.4	8	1.3	2	9	5	75	60	0.19	67	1050	5	9	6	11	1	1	8	1	10	8	1	19	0						
MAY	65	44	55	8.7	18	2.4	5.5	7	1.7	1	3	77	67	0.31	64	850	5	9	6	10	1	0	0	2	11	8	5	3	0							
JUN	75	53	64	9.5	29	2.3	6.2	3	1.8	0	0	0	78	62	0.42	54	900	5	7	6	9	1	0	0	4	10	4	16	0	0						
JUL	80	58	69	9.7	38	1.9	3.7	3	1.8	0	0	0	78	57	0.50	54	750	5	7	6	8	1	0	0	4	11	7	25	0	0						
AUG	74	56	67	9.5	30	3.1	7.7	9	4.1	0	0	0	85	61	0.50	54	650	5	7	6	9	2	0	0	5	12	4	22	8	0						
SEP	70	49	59	9.6	26	3.3	7.4	9	2.5	0	0	0	85	66	0.39	52	800	5	7	6	9	2	0	0	3	12	1	9	1	0						
OCT	59	39	49	8.4	12	2.4	4.7	2	1.7	4	4	4	84	65	0.25	48	1000	5	8	7	11	1	8	8	2	10	0	2	9	0						
NOV	44	31	38	7.7	1	3.1	7.2	1.1	3.0	6	26	14	83	71	0.19	53	1100	5	9	8	14	1	3	1	1	12	0	8	17	0						
DEC	33	16	25	6.7	-37	2.9	8.5	3	1.8	22	76	23	81	75	0.11	70	1150	5	9	8	16	2	10	4	8	11	0	0	27	5						
ANN	55	35	45	9.7	-18	29.5	7.7	1.2	4.1	77	91	23	80	65	0.22	57	1000	5	8	7	11	1	8	8	2	10	16	10	113	22						
BYR	27	27	27	27	27	27	27	27	27	27	27	27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
REMARKS:																																				
HOURS FOR: HOURS OBSERVED WITHIN: A/B JUL AUG SEP ANN																																				
HOURLY OBS: JAN 74 - DEC 83 (1900-1983) 600H 0/0 0/0 0/0 0/0																																				
SUMMARY OF DAY: MAY 49 - DEC 54 (A) Hurricanes 1200H 0/0 0/1 0/0 0/1																																				
SEP 62 - DEC 83 (B) Tropical Storms 2400H 0/1 1/3 0/1 1/7																																				
NOTE: * DATA NOT AVAILABLE																																				
* AMTS < UNITS SHOWN IN HEADINGS																																				
** INSTANTANEOUS MAX WINDS																																				
* & * CALD BRTS & PLV. DCTY																																				
* DATED ON < FULL MONTH																																				
CAY. FERR. (S)																																				
00-02 30 25 25 20 15 10 11 13 13 10																																				
03-05 39 28 28 25 17 20 15 20																																				
06-08 36 31 29 25 19 23 16 24																																				
09-11 36 29 10 28 22 27 17 25 24																																				
12-14 39 28 14 27 18 20 13 23 25 29 39 41 28 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24																																				
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ALL HRS 37 27 29 23 15 18 12 17 20 23 32 38 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24																																				
CAY. FERR. (S)																																				
00-02 17 11 14 11 8 7 6 7 10 14 12 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10																																				
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09-11 23 18 18 14 11 15 8 14 12 13																																				
12-14 26 14 18 14 8 10 5 10																																				
15-17 23 12 15 11 6 7 4 5 10 9 17 21 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12																																				
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ALL HRS 20 13 16 12 9 10 7 10 11 10 13 15 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10																																				
CAY. FERR. (S)																																				
00-02 12 6 9 7 6 5 3 3 6																																				
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CAY. FERR. (S)																																				
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03-05 3 1																																				
06-08 2 2 2 1																																				
09-11 3 2 1																																				
12-14 2 1																																				
15-17 3 1																																				
18-20 3 1																																				
21-23 3 1																																				
ALL HRS 3 1																																				

A W S CLIMATIC BRIEF L I M I T E D April 1988		Station Name: ELIZABETH CITY CGAS/MUNI NC Latitude/Longitude: N36 16 W076 11 Hourly Obs POR: Oct 77 to Sep 87 Summary of Day POR: None Hours Summarized: 0600-2200 LST LST - GMT -5		Field Elev: 12 ft Station MSC: 746941 Call Sign: KECG Supersedes: N/A										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
MEAN MAX TEMP °F	52	53	59	70	77	84	87	86	80	72	62	53	70	10
MEAN TEMP °F	43	44	50	59	67	75	79	78	72	62	52	43	60	10
MEAN MIN TEMP °F	33	34	39	48	57	65	70	69	73	52	42	34	51	10
VAPOR PRESS IN Hg	.17	.17	.23	.30	.45	.60	.74	.71	.60	.40	.31	.21	.36	10
MEAN DEW POINT °F	30	31	38	45	56	64	70	69	64	53	46	36	50	10
99.95% WCPA Ft	700	700	750	650	400	350	300	250	300	450	450	550	550	10
MEAN RH 07 LST %	79	79	77	73	79	79	83	85	85	85	85	81	81	10
MEAN RH 13 LST %	58	57	53	48	53	54	59	59	56	55	58	58	56	10
MEAN WND DRCTN	N	N	N	S	SW	SW	SW	SW	ENE	N	N	N	N	10
MEAN WND SPD Kts	9	9	10	10	9	8	8	7	8	8	8	8	9	10
PK WND SPD Kts	*	*	*	*	*	*	*	*	*	*	*	*	*	NA
NEG CEILING %	50	48	53	56	51	58	54	54	56	56	50	51	53	10
SUPPLEMENTAL SUMMARY OF DAY DATA SECTION. The data in this section was developed from those periods during which this station took observations both full- and part-time, and by comparing its data to nearby stations such as Langley AFB, Norfolk, and Cape Hatteras. As a result, this section does not provide the true means and extremes as for a 24-hour, 7-day, station; the data should be considered "informational" and applied with extreme caution. Values with no figure following the decimal point have been rounded.														
XTRM MAX TEMP °F	80	82	86	95	96	101	103	101	99	95	85	79	103	30
MEAN TEMP °F	40	41	49	58	67	74	78	78	72	61	52	44	59	30
XTRM MIN TEMP °F	-1	9	19	29	37	47	56	49	42	26	19	8	-1	30
MAX 24HR PRECIP "	4.8	2.1	3.2	2.4	3.2	4.4	4.4	6.2	5.1	4.3	3.0	2.2	6.2	30
MAX PRECIP "	8.6	6.2	7.0	6.2	12.	9.5	12.	11.	12.	9.2	5.9	5.5	53.	30
MEAN PRECIP "	3.6	3.7	3.7	2.9	3.8	4.3	6.0	6.2	4.5	3.3	2.9	3.0	48.	30
MIN PRECIP "	1.0	.8	.7	.4	1.0	.4	.7	.7	.3	.5	.5	.8	39.	30
MAX 24HR SNFL "	9	10	11	#	0	0	0	0	0	0	#	12	12	30
MAX SNFL "	11	12	11	#	0	0	0	0	0	0	#	13	13	30
MEAN SNFL "	2	1	1	#	0	0	0	0	0	0	#	1	5	30
MIN SNFL "	0	0	0	0	0	0	0	0	0	0	0	0	1	30
D/W TSTORMS	#	1	2	3	6	7	9	8	3	1	#	#	40	30
D/W FOG VSBY <7mi	15	14	14	14	17	17	17	19	19	22	16	15	199	30
D/W MEAS PRECIP	10	11	10	10	10	10	11	12	8	8	8	9	117	30
Legend: ANN = Annual YOR = Years of record POR = Period of record D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude # = Based on less than full months * = Less than 0.5 day, or 0.05 inch, or 0.5%, as applicable. ** = Instantaneous peak winds \$ = Percentage of calm winds > mean direction * = Data not available														
REMARKS: Hurricanes/tropical storms observed (1900-1986):														
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN			
Within 60NM	0/0	0/0	0/0	0/0	0/4	2/4	6/7	4/6	0/4	0/1	12/26			
Within 120NM	0/1	0/0	0/0	1/0	0/6	2/6	16/14	11/15	2/7	0/2	32/51			
Within 240NM	0/1	0/0	0/0	1/3	2/13	6/12	21/25	21/29	8/18	2/4	61/105			
NOTE: This is a "limited" Climatic Brief because Elizabeth City CGAS is a part-time station.														

A W S CLIMATIC BRIEF		Station Name: ELIZABETH CITY CGAS/MUNI NC		Field Elev: 12 ft											
L I M I T E D		Latitude/Longitude: N36 16 W076 11		Station MSC: 746941											
Apr 11 1988		Hourly Obs POR: Oct 77 to Sep 87		Call Sign: KECG											
		Hours Summarized: 0600-2200LST													
		LST - GMT -5													
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	06-08	31	33	27	24	31	25	32	38	35	35	38	31	32	10
	09-11	25	28	22	20	23	17	28	28	24	24	26	24	24	10
	12-14	22	25	21	17	18	12	21	23	18	19	22	23	20	10
	15-17	20	20	19	16	12	9	13	16	16	15	19	20	16	10
	18-21	20	19	18	15	13	12	12	19	15	13	19	18	16	7
3000/3	21-22	20	22	18	16	13	12	11	19	17	15	23	18	17	7
CIG/VSBY	06-08	27	28	22	20	27	22	28	36	32	31	34	25	28	10
	09-11	21	22	17	14	14	9	16	17	15	15	20	19	17	10
	12-14	17	17	13	11	9	4	9	11	9	9	14	16	12	10
	15-17	17	15	13	11	8	5	5	10	9	9	13	14	11	10
	18-21	16	16	14	11	10	10	8	16	9	8	15	13	12	7
1500/3	21-22	15	18	15	13	11	11	6	17	10	9	19	15	1	7
CIG/VSBY	06-08	18	22	18	15	18	9	11	18	18	23	24	19	18	10
	09-11	15	16	13	9	9	4	5	6	5	10	15	14	10	10
	12-14	13	13	11	8	5	2	3	3	5	6	9	11	7	10
	15-17	13	11	9	8	4	2	1	4	5	5	9	11	7	10
	18-21	12	12	9	9	7	2	1	5	4	4	12	11	7	7
1000/2	21-22	13	13	11	10	8	3	0	3	5	6	15	13	8	7
CIG/VSBY	06-08	4	5	3	1	1	#	1	2	4	9	7	5	4	10
	09-11	3	1	1	#	0	0	0	0	#	1	3	2	1	10
	12-14	2	1	#	0	0	0	#	0	0	0	1	#	#	10
	15-17	1	1	1	0	0	0	0	0	0	#	1	#	#	10
	18-21	1	1	1	1	0	0	0	#	0	1	1	1	1	7
200/½	21-22	1	3	1	2	1	0	0	0	0	2	1	1	1	7

A W S CLIMATIC BRIEF FEB 92	STATION NAME: FORT BRAGG/SIMMONS AAF NC												FIELD ELEV: 242 FT	
	LATITUDE/LONGITUDE: 35 08 N 078 56 W												STATION MSC: 746930	
	HOURLY OBS POR: JUL 81 - JUN 91												CALL SIGN: KFBC	
	SUMMARY OF DAY POR: JUL 61-JUN 91												SUPERSEDES: MAY 87	
HOURS SUMMARIZED: 0000 - 2300 LST														
LST TO UTC: +05														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	79	82	89	95	98	103	104	107	98	98	85	80	107	31
MEAN MAX TEMP (F)	51	55	64	73	80	86	89	87	83	73	65	55	72	31
MEAN TEMP (F)	42	45	53	62	70	77	80	79	74	63	54	46	62	31
MEAN MIN TEMP (F)	33	35	43	51	60	67	71	70	65	53	44	36	52	31
EXTRM MIN TEMP (F)	-1	11	15	29	39	48	56	52	45	26	18	5	-1	31
D/W TEMP GE 95 (F)	0	0	0	#	1	2	4	3	1	1	0	0	12	31
D/W TEMP GE 90 (F)	0	0	0	1	3	8	13	11	5	1	0	0	42	31
D/W TEMP LT 33 (F)	16	13	5	1	0	0	0	0	0	1	4	13	53	31
D/W TEMP LT 20 (F)	3	1	#	0	0	0	0	0	0	0	#	1	5	31
HEATING DEGREE DAYS	710	553	359	139	27	1	#	0	9	126	326	610	2860	30
COOLING DEGREE DAYS	#	2	16	71	197	363	474	446	274	75	12	1	1931	30
MEAN DEWPOINT TEMP (F)	29	33	39	45	57	64	69	68	61	51	43	33	49	10
MEAN WET BULB TEMP (F)	37	41	47	53	62	69	73	71	65	56	49	41	55	10
99.95% WCPA (FT)	750	850	900	800	600	550	450	500	550	550	700	650	700	10
MEAN REL HUM 07 LST(%)	72.1	73.6	73.7	73.6	78.8	78.0	82.6	84.1	82.0	79.2	76.5	71.8	77.2	10
MEAN REL HUM 13 LST(%)	53.2	52.4	49.1	45.1	51.5	50.9	57.2	59.2	55.5	52.1	52.4	51.3	52.5	10
MAX 24HR PRECIP (IN)	3.24	3.31	3.44	5.21	2.25	4.62	4.50	3.24	4.52	4.57	4.62	2.61	5.21	31
MAX PRECIP (IN)	8.96	7.51	8.33	10.72	7.09	9.85	15.36	11.29	9.02	7.21	8.62	8.35	67.07	31
MEAN PRECIP (IN)	3.67	3.84	4.25	3.06	3.46	5.02	6.03	4.96	3.63	2.71	3.13	3.29	47.42	31
MIN PRECIP (IN)	.88	.92	.63	.43	1.01	.60	1.97	1.12	.09	.23	.34	.39	34.79	31
D/W PRECIP GE .01 (IN)	11	9	10	8	10	10	13	11	8	6	7	9	112	31
D/W PRECIP GT .50 (IN)	2	3	3	2	2	3	4	3	2	2	2	2	30	31
MAX 24HR SNFL (IN)	4.0	7.8	7.1	#	0	0	0	0	0	0	.1	4.0	7.8	31
MAX SNFL (IN)	8.1	7.8	8.5	#	0	0	0	0	0	0	.1	4.0	17.7	31
MEAN SNFL (IN)	1.2	1.3	.7	#	0	0	0	0	0	0	0	.5	3.8	31
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	#	1	4	31
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	31
MAX DLY SNO DEPTH (IN)	7	8	7	0	0	0	0	0	0	0	0	3	8	31
PRVING WND DIR (DEG)	\$35-01	\$35-01	\$35-01	\$20-22	\$20-22	\$20-22	\$20-22	\$20-22	\$35-01	\$35-01	\$35-01	\$35-01	\$35-01	10
MEAN WND SPD (KTS)	4	4	5	5	4	4	3	3	3	3	4	4	4	10
MAX WND SPD (KTS)	61	66	56	64	47	63	54	61	68	60	51	46	68	30
SKY COVER GT 5/10 (%)	55.7	59.5	52.7	50.0	54.1	52.2	54.5	55.6	46.8	45.0	48.2	53.1	52.3	10
D/W THUNDERSTORMS	1	1	3	4	6	8	12	9	4	1	1	1	51	31
D/W FOG (VSBY LT 7 MI)	15	13	14	12	18	19	21	23	21	16	15	15	202	31
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	21.9	20.2	16.8	12.9	12.3	7.4	6.7	11.9	12.4	13.4	18.2	19.1	14.4	10
	03 - 05	23.9	23.8	22.0	15.2	17.1	15.2	16.6	21.1	21.6	18.5	25.1	24.1	20.3	10
	06 - 08	26.7	27.4	25.7	18.6	21.2	17.6	22.9	31.9	29.4	25.4	29.1	27.1	25.2	10
	09 - 11	24.8	28.0	23.5	14.8	14.6	9.4	14.0	22.7	18.4	19.4	22.8	24.0	19.7	10
	12 - 14	22.3	24.8	18.6	9.6	8.1	5.1	8.8	13.3	12.0	15.2	15.7	18.3	14.3	10
	15 - 17	20.7	21.5	15.4	8.0	5.4	2.4	5.2	8.1	9.3	11.1	12.6	16.3	11.3	10
	18 - 20	20.0	19.6	12.5	7.8	4.3	3.0	4.3	5.8	8.8	8.5	11.7	15.6	10.2	10
	21 - 23	19.9	19.4	14.1	8.7	6.2	6.0	4.2	7.3	10.7	9.9	14.2	17.4	11.5	10
	ALL	22.5	23.1	18.6	11.9	11.1	8.3	10.3	15.3	15.3	15.2	18.7	20.3	15.8	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.7	16.7	12.6	8.3	9.2	6.1	4.5	10.1	10.1	10.0	14.2	14.5	11.0	10
	03 - 05	18.4	19.9	16.0	11.3	13.3	12.4	14.1	18.6	18.6	15.8	21.7	20.1	16.7	10
	06 - 08	20.8	23.9	20.2	15.0	17.6	15.6	20.6	29.9	26.8	22.6	25.3	22.9	21.8	10
	09 - 11	20.2	22.9	16.8	9.3	9.0	4.0	8.7	15.4	13.7	14.9	19.3	21.0	14.6	10
	12 - 14	18.5	18.9	12.2	5.0	2.7	1.8	2.7	4.6	5.9	8.9	10.8	15.2	8.9	10
	15 - 17	16.3	13.6	10.2	3.6	2.5	1.7	1.8	4.2	4.3	6.2	8.0	11.9	7.0	10
	18 - 20	14.8	13.0	8.3	4.9	2.4	2.1	1.5	4.2	5.2	6.8	7.8	12.2	6.9	10
	21 - 23	14.7	14.7	10.2	5.1	4.1	4.6	2.5	5.4	6.7	7.4	9.3	13.7	8.2	10
	ALL	17.4	17.9	13.3	7.8	7.6	6.0	7.1	11.5	11.4	11.6	14.6	16.4	11.9	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	14.1	14.7	10.1	4.6	6.5	3.6	2.8	8.2	7.7	7.4	11.7	11.6	8.6
03 - 05		17.2	17.0	13.2	8.1	10.9	7.6	10.0	13.9	13.1	12.7	18.7	16.3	13.2	10
06 - 08		18.4	20.0	15.8	11.3	12.8	9.9	13.4	21.7	18.1	17.0	21.4	19.7	16.6	10
09 - 11		16.8	18.2	11.8	5.2	4.7	1.4	4.2	8.6	8.6	11.4	14.2	17.4	10.2	10
12 - 14		14.7	13.7	8.3	2.2	1.8	.8	.9	1.2	3.3	4.8	7.4	11.6	5.9	10
15 - 17		14.9	11.1	7.3	1.8	1.7	1.1	1.1	1.5	2.8	4.5	6.1	10.0	5.3	10
18 - 20		12.7	11.5	7.0	3.3	1.1	1.2	1.0	1.2	3.7	5.2	6.6	10.9	5.4	10
21 - 23		12.2	12.3	7.1	3.4	2.0	2.3	1.0	3.0	4.9	5.8	7.3	12.5	6.1	10
ALL		15.1	14.8	10.1	5.0	5.2	3.5	4.3	7.4	7.8	8.6	11.7	13.8	8.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	2.1	2.6	1.4	.2	.1	.2	.1	.9	.3	1.5	2.0	3.0	1.2
	03 - 05	3.7	3.1	2.6	1.3	1.3	.7	1.5	2.7	1.7	3.3	3.7	3.6	2.4	10
	06 - 08	4.0	4.4	3.1	2.1	.8	1.0	1.2	2.9	2.0	5.7	5.1	5.6	3.2	10
	09 - 11	2.1	2.1	.2	.0	.0	.0	.0	.1	.2	.5	1.7	3.4	.9	10
	12 - 14	.8	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2	.9	.2	10
	15 - 17	.6	.0	.0	.1	.0	.0	.3	.1	.0	.0	.7	.5	.2	10
	18 - 20	.8	.4	.3	.0	.0	.0	.1	.0	.0	.1	.7	1.3	.3	10
	21 - 23	2.5	.6	.3	.0	.0	.0	.0	.0	.3	.4	.3	2.0	.5	10
	ALL	2.1	1.7	1.0	.5	.3	.2	.4	.8	.6	1.5	1.8	2.5	1.1	10
	HURRICANES/TROPICAL STORMS OBSERVED : NONE														
REMARKS : 0															

PREPARED BY: USAPETAC
MARCH 1985

STATION NAME: POPE AFB NC
LOCATION : N35 10 W079 01

PERIOD: JUL 17-NOV 83
ELEV : 210 FT

STN LTNS: XPOS
RMC NO.: 723030

AWS CLIMATIC BRIEF

MONTH

TEMPERATURE (°F)

PRECIPITATION (IN)

SNOWFALL (IN)

RELATIVE HUMIDITY (%)

WIND DIRECTION (°)

WIND SPEED (KT)

WIND GUST (KT)

WIND VELOCITY (KT)

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A W S CLIMATIC BRIEF January 1988	Station Name: HECTOR IAP FARGO ND										Field Elev: 900 ft			
	Latitude/Longitude: N46 55 W096 49										Station MSC: 727530			
	Hourly Obs POR: Jun 77 to May 87										Call Sign: KPAR			
	Summary of Day POR: Jan 48 to May 87										Supersedes: Mar 1982			
	LST - GMT -6													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	52	66	78	100	98	99	102	106	102	93	73	57	106	39
MEAN MAX TEMP °F	14	21	34	53	68	77	83	81	70	57	37	21	51	39
MEAN TEMP °F	5	12	25	43	56	65	71	69	58	47	28	12	41	39
MEAN MIN TEMP °F	-4	3	16	32	44	54	59	57	46	35	20	4	30	39
XTRM MIN TEMP °F	-36	-34	-34	-7	20	30	36	33	19	5	-24	-32	-36	39
D/W TEMP > 90°F	0	0	0	#	1	2	5	5	1	#	0	0	14	39
D/W TEMP > 80°F	0	0	0	1	5	11	21	18	6	1	0	0	63	39
D/W TEMP < 32°F	31	28	28	16	4	#	0	0	2	12	27	31	179	39
D/W TEMP < 0°F	19	13	5	#	0	0	0	0	0	0	2	13	52	39
VPR PRESS ("Hg)	.05	.06	.11	.17	.25	.39	.50	.45	.31	.20	.11	.06	.17	10
MEAN DEWPOINT °F	1	8	20	30	40	52	59	56	46	35	20	5	31	10
99.95% WCPA Ft	1650	1550	1600	1600	1550	1500	1400	1400	1550	1600	1700	1750	1600	10
MEAN RH 07 LST %	73	77	80	74	68	76	80	82	82	81	81	76	78	10
MEAN RH 13 LST %	70	72	69	50	45	53	53	54	56	59	68	71	60	10
MAX 24HR PRECIP "	.8	.7	1.1	1.8	4.0	2.8	3.9	2.8	3.4	3.1	1.6	.7	4.0	39
MAX PRECIP "	1.4	1.7	2.3	5.3	7.3	9.4	8.4	6.5	6.1	7.0	4.6	2.2	9.4	39
MEAN PRECIP "	.6	.5	.9	1.8	2.4	3.0	3.3	2.4	1.8	1.6	.8	.6	19.7	39
MIN PRECIP "	.1	#	#	#	.5	.6	.4	.2	.1	.1	#	#	#	39
D/W PRECIP > .01"	8	7	8	8	10	10	10	9	8	7	6	8	99	39
D/W PRECIP > .5"	#	#	#	1	1	2	2	1	1	1	#	#	9	39
MAX 24HR SNFL "	16	11	6	9	1	0	0	0	#	7	12	7	16	39
MAX SNFL "	30	20	19	13	1	0	0	0	#	8	24	20	30	39
MEAN SNFL "	8	6	7	3	#	0	0	0	#	1	5	7	37	39
D/W SNFL > .1"	9	7	7	2	#	0	0	0	0	1	4	8	38	39
D/W SNFL > 1.5"	2	1	1	1	0	0	0	0	0	#	1	1	7	39
MEAN WND DRCTN	N	N	N	N	S	SSE	SSE	SSE	SSE	SSE	S	S	SSE	10
MEAN WND SPD Kts	10	10	11	11	10	9	9	9	9	11	10	10	10	10
MAX WND SPD** Kts	52	51	50	55	52	70	62	57	44	50	53	48	70	17
MEAN CLD CVR 10th	6	7	7	6	6	6	6	6	6	6	7	7	6	10
D/W TSTORMS	0	#	#	1	4	7	9	6	3	1	#	#	31	39
D/W FOG VSBY <7mi	7	8	9	6	6	5	4	5	6	6	7	9	78	39
Legend: ANN - Annual YOR - Years of record POR - Period of record D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude @ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** - Instantaneous peak winds * - Data not available \$ - Percentage of <u>calm</u> winds > <u>mean</u> direction														
REMARKS:														

A W S CLIMATIC BRIEF January 1988		Station Name: HECTOR IAP FARGO ND Latitude/Longitude: N46 55 W096 49 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 48 to May 87 LST = GMT -6										Field Elev: 900 ft Station MSC: 727530 Call Sign: KFAR Supersedes: Mar 1982				
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VSBY	00-02	30	30	27	15	13	8	5	7	14	20	33	30	19		
	03-05	31	34	28	18	14	10	6	11	19	19	34	33	21		
	06-08	32	36	30	20	18	13	10	14	22	23	35	33	24		
	09-11	31	35	32	23	19	15	10	13	27	29	35	33	25		
	12-14	30	34	33	22	15	12	7	11	23	29	33	33	24		
LESS THAN	15-17	29	33	30	17	11	7	2	7	16	23	31	29	20		
3000/3	18-20	27	31	27	12	9	5	2	4	13	19	30	29	17		
	21-23	27	30	27	12	9	7	3	5	14	18	30	30	18		
	00-24	30	33	29	17	14	10	6	9	19	23	33	31	21	10	
CIG/VSBY	00-02	17	20	17	8	7	4	3	3	8	11	20	19	11		
	03-05	17	23	20	11	9	6	4	9	12	11	21	21	14		
	06-08	18	25	20	12	10	8	7	12	14	14	24	23	16		
	09-11	22	27	21	12	10	6	6	9	15	16	23	24	16		
	12-14	21	23	20	10	5	4	2	4	10	13	19	23	13		
LESS THAN	15-17	21	22	17	7	5	3	#	2	7	11	17	20	11		
1500/3	18-20	16	19	16	6	5	2	#	2	7	8	17	17	10		
	21-23	15	20	17	5	5	2	1	2	7	9	19	18	10		
	00-24	18	22	19	9	7	4	3	5	10	12	20	21	13	10	
CIG/VSBY	00-02	11	15	13	5	4	2	2	2	4	8	13	15	8		
	03-05	11	16	14	8	5	4	3	7	7	8	15	17	10		
	06-08	12	17	15	9	6	5	5	10	10	10	18	17	11		
	09-11	15	18	16	8	4	3	3	6	9	10	17	17	11		
	12-14	13	15	14	5	3	2	1	2	5	7	13	16	8		
LESS THAN	15-17	13	14	11	5	3	1	#	1	4	5	11	14	7		
1000/2	18-20	10	12	10	3	3	1	#	#	4	5	11	13	6		
	21-23	9	13	12	3	3	1	1	1	4	7	13	13	7		
	00-24	12	15	13	6	4	2	2	4	6	8	14	15	8	10	
CIG/VSBY	00-02	2	3	2	#	0	#	#	1	#	#	1	3	1		
	03-05	2	3	2	1	#	2	1	1	#	#	3	3	2		
	06-08	2	3	3	1	#	1	1	2	1	1	3	3	2		
	09-11	1	1	2	#	0	0	0	#	#	0	1	3	1		
	12-14	1	1	1	0	0	0	#	0	0	0	2	2	1		
LESS THAN	15-17	1	1	#	0	0	0	0	#	0	#	2	1	#		
200/1/2	18-20	2	1	#	0	0	0	0	0	0	0	1	2	1		
	21-23	2	2	1	0	0	0	0	0	0	1	1	3	1		
	00-24	2	2	1	#	#	#	#	1	#	#	2	3	1	10	

A W S CLIMATIC BRIEF December 1987		Station Name: GRAND FORKS AFB, ND Latitude/Longitude: N47 58 W097 24 Hourly Obs POR: Aug 77 to Jul 37 Summary of Day POR: Jun 59 to Jul 87 LST - GMT -6		Field Elev: 911 ft Station MSC: 727575 Call Sign: KRDR Supersedes: May 1983										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	46	56	79	99	100	99	101	105	101	88	74	57	105	28
MEAN MAX TEMP °F	12	19	32	51	66	75	81	79	67	55	34	19	49	28
MEAN TEMP °F	4	11	24	41	55	64	70	67	56	45	27	11	40	28
MEAN MIN TEMP °F	-4	2	16	31	43	53	58	55	45	35	19	3	30	28
XTRM MIN TEMP °F	-35	-36	-31	-3	2	27	39	33	23	7	-28	-35	-36	28
D/W TEMP > 90°F	0	0	0	0	1	1	3	4	1	0	0	0	10	28
D/W TEMP > 80°F	0	0	0	1	4	9	18	15	5	1	0	0	53	28
D/W TEMP < 32°F	31	28	28	17	4	#	0	0	2	12	27	31	180	28
D/W TEMP < 00°F	20	13	5	#	0	0	0	0	0	0	3	14	55	28
VPR PRESS "Hg	.04	.06	.11	.17	.24	.36	.49	.42	.29	.20	.10	.05	.17	10
MEAN DEWPOINT °F	-1	6	20	31	39	50	58	54	44	34	18	4	30	10
99.95% WCPA Ft	1650	1600	1600	1600	1550	1500	1400	1400	1600	1600	1700	1750	1600	10
MEAN RH 07 LST %	70	73	78	75	66	73	77	79	78	78	75	71	74	10
MEAN RH 13 LST %	69	72	71	53	44	51	53	52	55	59	67	69	60	10
MAX 24HR PRECIP "	.9	.7	1.2	1.2	3.1	2.3	2.3	2.9	2.8	1.9	1.4	.7	3.1	28
MAX PRECIP "	2.4	3.2	2.9	4.0	7.8	8.1	6.7	5.5	6.2	5.7	3.3	1.4	8.1	28
MEAN PRECIP "	.7	.6	1.0	1.6	2.5	3.0	2.9	2.5	2.5	1.6	.8	.6	20.3	28
MIN PRECIP "	.1	.1	#	#	.5	.8	.7	.4	.3	.2	#	.1	#	28
D/W PRECIP > .01"	8	7	7	8	9	10	10	9	8	7	6	7	96	28
D/W PRECIP > .5"	#	#	#	1	1	2	2	1	2	1	#	#	10	28
MAX 24HR SNFL "	6	7	12	10	3	20	20	20	2	6	9	7	12	28
MAX SNFL "	21	33	26	15	4	0	0	0	2	8	23	15	33	28
MEAN SNFL "	8	6	8	4	#	0	0	0	#	2	7	6	41	28
D/W SNFL > .1"	8	7	6	3	#	0	0	0	#	1	5	7	37	28
D/W SNFL > 1.5"	2	1	2	1	#	0	0	0	#	#	1	1	8	28
MEAN WND DRCTN	N	N	N	N	N	N	S	S	N	S	N	S	N	10
MEAN WND SPD Kts	9	9	9	9	9	8	7	7	8	9	9	9	8	10
MAX WND SPD** Kts	54	57	63	62	55	46	54	59	59	55	55	51	63	28
MEAN CLD CVR 10th	6	7	7	6	6	6	6	5	6	6	7	6	6	10
D/W TSTORMS	0	0	#	1	4	7	10	7	3	1	0	#	33	28
D/W FOG VSBY <7mi	6	7	9	7	6	5	4	6	6	7	7	8	78	28

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
- Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds
* - Data not available \$ - Percentage of calm winds > mean direction

REMARKS:

A W S CLIMATIC BRIEF December 1987		Station Name: GRAND FORKS AFB, ND Latitude/Longitude: N47 51 W097 24 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Jun 59 to Jul 87 LST - GMT -6										Field Elev: 911 ft Station MSC: 727575 Call Sign: KRDR Supersedes: May 1983				
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VSBY	00-02	22	30	21	14	9	5	4	4	12	17	26	24	16		
	03-05	22	29	24	15	11	7	5	7	14	18	29	23	17		
	06-08	23	29	27	17	13	12	9	11	18	22	32	25	20		
	09-11	25	30	28	19	15	13	9	11	19	23	32	26	21		
LESS THAN	12-14	22	30	28	18	14	11	6	8	19	24	29	24	19		
3000/3	15-17	23	31	26	15	11	7	3	5	15	20	29	23	17		
	18-20	23	28	24	10	8	5	2	2	11	19	27	23	15		
	21-23	22	28	22	11	8	6	2	2	11	17	27	24	15		
	00-24	23	29	25	15	11	8	5	6	15	20	29	24	18	10	
CIG/VSBY	00-02	15	19	14	8	6	4	3	2	8	10	16	17	10		
	03-05	14	20	16	10	7	5	3	6	10	11	18	15	11		
	06-08	14	22	18	12	9	6	6	9	11	13	20	17	13		
	09-11	18	23	22	13	8	6	5	8	11	15	23	17	14		
LESS THAN	12-14	17	23	19	11	7	4	2	3	9	13	20	18	12		
1500/3	15-17	17	20	16	7	6	2	1	1	7	9	18	18	10		
	18-20	17	17	16	5	4	3	1	1	6	9	17	15	9		
	21-23	13	17	14	6	5	3	1	1	7	9	16	16	9		
	00-24	16	20	17	9	7	4	3	4	9	11	19	17	11	10	
CIG/VSBY	00-02	9	13	10	6	4	2	1	1	6	7	13	11	7		
	03-05	9	12	11	7	6	3	2	5	7	9	14	11	8		
	06-08	10	14	14	9	7	5	5	7	8	10	15	12	10		
	09-11	10	16	13	7	5	3	3	5	6	10	17	13	9		
LESS THAN	12-14	10	15	12	7	3	2	1	1	6	7	11	13	7		
1000/2	15-17	10	14	10	5	3	2	0	0	3	4	11	14	6		
	18-20	9	12	9	4	3	2	#	#	3	5	11	12	6		
	21-23	8	13	9	4	3	1	1	#	5	7	12	11	6		
	00-24	9	14	11	6	4	3	2	2	6	7	13	12	7	10	
CIG/VSBY	00-02	1	1	2	#	0	#	0	0	1	1	1	1	1		
	03-05	1	2	1	1	#	#	#	1	1	1	1	1	1		
	06-08	1	2	2	#	1	#	#	1	1	1	1	2	1		
	09-11	2	1	2	1	0	0	0	0	0	#	1	2	1		
LESS THAN	12-14	2	1	1	#	0	0	0	0	0	0	2	2	1		
200/1/2	15-17	2	2	1	#	0	0	0	0	0	0	2	2	1		
	18-20	2	2	1	0	0	0	0	0	0	0	2	1	1		
	21-23	1	1	1	#	0	0	0	0	#	#	2	1	1		
	00-24	2	2	1	#	#	#	#	0	#	#	2	2	1	10	

A W S CLIMATIC BRIEF December 1987		Station Name: MINOT AFB ND Latitude/Longitude: N48 25 W101 21 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Oct 59 to Aug 87 LST - GMT -6		Field Elev: 1,668 ft Station MSC: 727675 Call Sign: KMIB Supersedes: May 1983										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	50	58	75	96	100	104	107	105	103	91	75	59	107	28
MEAN MAX TEMP °F	15	22	34	52	66	75	82	80	68	55	35	21	50	28
MEAN TEMP °F	7	14	26	42	54	64	70	67	56	45	26	13	40	28
MEAN MIN TEMP °F	-2	5	17	31	42	52	57	54	44	33	17	4	30	28
XTRM MIN TEMP °F	-34	-32	-30	-11	20	30	38	30	19	3	-20	-35	-35	28
D/W TEMP > 90°F	0	0	0	#	1	2	5	6	1	#	0	0	15	28
D/W TEMP > 80°F	0	0	0	1	4	9	19	16	5	1	0	0	55	28
D/W TEMP < 32°F	31	27	29	17	4	#	0	#	3	14	28	31	184	28
D/W TEMP < 0°F	18	12	4	#	0	0	0	0	0	0	3	13	50	28
VPR PRESS "Hg	.05	.06	.11	.16	.24	.32	.42	.38	.26	.18	.10	.06	.16	10
MEAN DEWPOINT °F	1	8	19	29	39	47	54	51	41	32	17	5	29	10
99.95% WCPA Ft	2450	2350	2350	2350	2350	2250	2150	2150	2350	2350	2500	2500	2350	10
MEAN RH 07 LST %	68	72	76	72	67	68	73	74	75	76	75	71	72	10
MEAN RH 13 LST %	66	68	65	49	43	45	46	44	50	55	64	67	55	10
MAX 24HR PRECIP "	1.0	.4	1.7	2.1	1.8	3.3	2.4	2.5	4.5	2.5	1.0	.7	4.5	28
MAX PRECIP "	1.4	1.1	2.1	8.5	5.2	8.6	4.3	5.0	7.1	4.9	1.9	1.3	8.6	28
MEAN PRECIP "	.6	.4	.6	1.9	2.3	3.0	2.1	2.0	2.0	1.2	.6	.5	17.2	28
MIN PRECIP "	.1	.1	.1	.1	#	.4	.1	.2	.1	#	#	.1	#	28
D/W PRECIP > .01"	8	7	7	8	9	11	9	8	8	5	6	7	93	28
D/W PRECIP > .5"	#	0	#	1	1	1	1	1	1	1	#	#	7	28
MAX 24HR SNFL "	6	6	17	9	3	0	0	0	3	9	10	10	17	28
MAX SNFL "	18	16	19	44	4	0	0	0	3	16	20	17	44	28
MEAN SNFL "	7	6	6	5	1	0	0	0	#	2	6	7	40	28
D/W SNFL > .1"	8	7	6	3	1	0	0	0	#	1	5	7	38	28
D/W SNFL > 1.5"	1	1	1	1	#	0	0	0	#	#	1	2	7	28
MEAN WND DRCTN	NW	NW	NW	N	N	W	W	\$NW	W	W	NW	NW	NW	10
MEAN WND SPD Kts	10	9	9	9	9	8	6	6	8	9	8	9	8	10
MAX WND SPD** Kts	64	70	55	62	57	62	67	74	54	55	55	58	74	28
MEAN CLD CVR 10th	6	7	7	6	6	6	6	5	6	6	7	7	6	10
D/W TSTORMS	0	^	0	1	3	8	8	6	2	#	#	0	28	28
D/W FOG VSBY <7mi	6	8	8	6	5	4	3	4	5	5	6	7	67	28
Legend: ANN - Annual YOR - Years of record POR - Period of record D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude @ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** - Instantaneous peak winds * - Data not available \$ - Percentage of <u>calm</u> winds > mean direction														
REMARKS:														

AWS
CLIMATIC BRIEF
December 1987

Station Name: MINOT AFB ND
Latitude/Longitude: N48 25 W101 21
Hourly Obs POR: Sep 77 to Aug 87
Summary of Day POR: Oct 59 to Aug 87
LST - GMT -6

Field Elev: 1,668 ft
Station MSC: 727675
Call Sign: KMIB
Supersedes: May 1983

PERCENT OCCURRENCE FREQUENCY OF C&L IN G/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VISBY LESS THAN 3000/3	00-02	26	30	25	15	11	5	3	5	12	16	25	24	16	
	03-05	26	30	27	15	13	6	6	6	16	18	27	26	18	
	06-08	28	32	29	18	16	9	8	9	21	22	29	26	21	
	09-11	26	32	30	21	18	12	9	10	22	22	27	26	21	
	12-14	23	30	30	18	18	11	6	8	22	24	29	23	20	
	15-17	23	29	28	14	14	8	2	4	16	17	26	22	17	
	18-20	25	29	27	12	11	4	1	2	12	14	25	20	15	
	21-23	25	27	27	12	12	4	1	3	11	13	26	24	15	
	00-24	25	30	28	16	14	7	5	6	17	18	27	24	18	10
CIG/VISBY LESS THAN 1500/3	00-02	17	21	19	8	7	2	2	2	8	9	18	17	11	
	03-05	17	20	21	10	9	3	4	5	11	12	20	19	13	
	06-08	20	22	23	12	11	5	6	7	15	14	21	20	15	
	09-11	20	25	24	13	10	6	6	6	15	14	20	20	15	
	12-14	18	21	20	10	9	5	2	4	10	12	20	17	12	
	15-17	16	20	16	6	7	4	1	2	7	10	17	17	10	
	18-20	15	19	17	6	6	3	#	2	7	7	17	15	10	
	21-23	15	18	18	7	7	2	1	2	7	7	18	18	10	
	00-24	17	21	20	9	8	4	3	4	10	11	19	18	12	10
CIG/VISBY LESS THAN 1000/2	00-02	10	14	14	7	6	1	2	2	7	7	12	13	8	
	03-05	12	13	16	7	8	3	3	4	9	10	13	15	9	
	06-08	13	16	16	9	8	3	5	6	12	11	16	16	11	
	09-11	14	17	17	8	7	4	4	3	10	11	14	15	10	
	12-14	13	15	12	5	5	3	1	1	5	8	15	13	8	
	15-17	11	12	11	4	4	1	1	1	6	6	11	12	7	
	18-20	9	11	13	5	3	1	#	1	5	5	10	12	6	
	21-23	9	11	13	5	4	1	#	1	6	5	11	13	7	
	00-24	11	14	14	6	6	2	2	2	8	8	13	14	8	10
CIG/VISBY LESS THAN 200/1/2	00-02	2	2	2	1	1	#	0	#	#	1	1	2	1	
	03-05	1	2	2	1	1	#	#	1	1	1	1	3	1	
	06-08	2	1	3	1	#	0	1	2	2	1	3	3	2	
	09-11	2	2	2	1	0	0	0	0	1	1	2	3	1	
	12-14	2	1	1	#	0	0	0	0	0	0	1	3	1	
	15-17	2	1	1	1	0	0	0	#	0	#	2	2	1	
	18-20	1	1	2	1	0	0	0	#	0	#	1	1	1	
	21-23	1	1	1	1	0	0	0	#	#	1	1	2	1	
	00-24	2	1	2	1	#	#	#	#	1	1	2	2	1	10

WFO
STN LTAS:
MSC NO: 725246

[illegible]

[illegible]

PREPARED BY APRIL 1977				STATION NAME LOCATION				TOLEDO OHIO/TOLEDO EXPRESS APT N41 36 W083 48				PERIOD ELEV				JAN 55-DEC 76 642				STN LTRS WBAN NO WMO NO				TOL 94830 72536												
AWS CLIMATIC BRIEF																																				
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				PRECIP (IN)				SHOWFALL (IN)				TEMPERATURE (°F)							
	MEAN				MONTHLY				MONTHLY				LST				PVLC				PRECIP				SHOWFALL				MAX				MIN			
	EXTREME				MONTHLY				MONTHLY				LST				PVLC				PRECIP				SHOWFALL				MAX				MIN			
	MEAN				MONTHLY				MONTHLY				LST				PVLC				PRECIP				SHOWFALL				MAX				MIN			
	EXTREME				MONTHLY				MONTHLY				LST				PVLC				PRECIP				SHOWFALL				MAX				MIN			
JAN	31	16	24	62	-17	2.0	4.6	.3	1.5	6	15	6	77	67	.09	16	1350	WSW	10	48	8	13	1	10	2	1	10	0	2	4	0					
FEB	34	18	27	68	-14	1.9	4.4	.3	1.5	6	14	7	74	67	.10	17	1450	WSW	10	42	7	11	1	8	2	1	10	0	0	26	2					
MAR	45	25	36	80	-6	2.4	4.9	.6	1.0	0	17	8	77	59	.14	26	1450	W	10	51	7	14	1	6	1	2	12	0	0	23	8					
APR	54	37	48	87	11	2.8	4.8	.9	1.0	0	19	7	76	51	.20	34	1350	W	10	52	7	12	2	2	2	8	4	10	0	1	11	0				
MAY	70	47	59	95	25	2.9	5.1	1.0	1.7	0	0	0	81	32	.30	44	1200	W	8	43	7	12	2	0	0	0	5	10	1	7	2	0				
JUN	81	56	68	99	32	3.5	6.5	1.9	1.0	0	0	0	84	36	.47	57	1200	S	7	51	7	11	2	0	0	0	8	10	4	16	0	0				
JUL	83	60	72	99	43	3.4	6.8	.7	4.3	0	0	0	86	35	.52	60	1000	WSW	7	57	6	10	2	0	0	0	6	13	5	23	0	0				
AUG	82	49	71	98	37	3.0	6.5	.4	2.4	0	0	0	89	36	.52	60	900	WSW	6	36	4	8	2	0	0	0	6	14	4	20	0	0				
SEP	75	51	63	96	26	2.6	6.1	.6	3.3	0	0	0	89	38	.40	53	1000	S	7	35	6	10	2	0	0	0	4	14	1	10	1	0				
OCT	64	41	52	91	14	1.8	4.2	.3	1.7	0	0	0	83	36	.27	42	1150	S	7	34	7	8	1	8	0	0	1	13	8	2	7	0				
NOV	48	31	40	78	2	2.5	4.6	.6	1.4	3	18	7	70	65	.18	37	1300	WSW	9	46	8	11	1	3	1	1	12	0	0	18	0	0				
DEC	35	20	28	67	-11	2.6	6.8	.5	3.5	0	24	14	80	71	.12	22	1350	WSW	9	41	8	14	1	9	2	0	8	14	0	0	27	2				
ANN	59	34	49	99	-17	31.4	6.5	.3	4.3	21	24	14	81	58	.24	58	1250	WSW	8	57	7	14	1	8	8	40	45	15	79	144	8					
ETR	28	22	22	22	22	22	22	22	22	22	22	22	10	10	10	10	1	10	10	2	4	22	22	22	22	22	22	22	22	22	22	22				
REMARKS: NWSGO FOR: ONLY OBS: JAN 17-DEC 76 DAILY OBS: FEB 55-DEC 76																																				
NOTE: * DATA NOT AVAILABLE ** INSTANTANEOUS PEAK WINDS S % CALM GTR % PLVG DCTN % BASED ON < FULL MONTH																																				
CAY PRECIP (IN)																																				
	MRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	ETR																					
	00-02	43	34	42	19	19	12	9	11	19	23	31	46	25																						
	03-05	43	35	34	21	22	20	17	17	24	26	33	47	28																						
	06-08	44	36	34	21	26	26	28	36	37	31	36	47	34																						
	09-11	48	38	38	23	26	23	17	25	31	29	41	50	32																						
	12-14	47	41	38	21	22	20	15	18	24	22	42	59	30																						
	15-17	41	32	30	16	14	11	8	6	14	16	34	46	23																						
	18-20	39	29	25	16	13	9	7	8	11	17	29	42	20																						
	21-23	39	31	28	15	14	10	8	8	12	20	28	40	21																						
	ALL MRS	43	33	42	19	19	16	13	16	22	23	34	47	27	10																					
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI																																				
	00-02	23	18	19	10	12	8	6	11	19	18	17	25	15																						
	03-05	26	19	22	11	16	15	15	15	21	21	19	30	19																						
	06-08	25	22	23	13	20	21	14	14	33	25	24	30	25																						
	09-11	31	23	22	10	13	13	12	18	24	23	28	34	21																						
	12-14	25	19	20	8	9	7	6	8	13	11	21	31	15																						
	15-17	21	18	19	6	9	6	4	5	7	10	19	28	13																						
	18-20	20	16	16	8	9	5	3	7	8	12	16	29	12																						
	21-23	19	19	17	8	8	6	4	5	9	16	16	24	13																						
	ALL MRS	24	20	20	9	12	10	10	13	16	17	20	28	17	10																					
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 1/2 MI																																				
	00-02	15	10	13	7	8	4	3	5	7	14	12	18	10																						
	03-05	17	11	16	7	10	9	8	8	12	16	13	22	12																						
	06-08	16	12	17	6	12	11	10	17	23	18	16	23	15																						
	09-11	16	13	14	6	8	3	4	5	12	14	17	23	11																						
	12-14	15	11	12	3	4	3	3	1	7	4	10	22	8																						
	15-17	11	10	10	2	5	3	1	1	3	4	11	22	7																						
	18-20	12	12	11	4	5	2	1	1	4	8	11	18	7																						
	21-23	13	12	12	6	8	2	2	2	5	10	11	19	8																						
	ALL MRS	14	11	13	5	7	5	4	5	9	11	13	21	10	10																					
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1/2 MI																																				
	00-02	1	1	1	0	0	1	0	0	0	2	2	3	1																						
	03-05	2	1	2	1	1	1	1	1	1	4	2	3	2																						
	06-08	2	2	2	1	1	2	1	2	3	4	3	3	2																						
	09-11	2	2	1	0	0	0	0	0	0	2	1	3	1																						
	12-14	2	1	0	0	0	0	0	0	0	0	0	2	0																						
	15-17	1	0	0	0	0	0	0	0	0	0	0	1	0																						
	18-20	1	0	1	0	0	0	0	0	0	0	0	2	0																						
	21-23	1	1	1	0	0	0	0	0	1	1	1	1	1																						
	ALL MRS	2	1	1	0	0	1	0	0	1	2	1	3	1	10																					

A W S CLIMATIC BRIEF		Station Name: YOUNGSTOWN MAP OH Latitude/Longitude: N41 16 W080 41 Hourly Obs POR: Jun 77 to May 87 Summary of Day POR: Jan 49 to May 87 LST - GMT -5										Field Elev: 1,196 ft Station MSC: 725250 Call Sign: KYNG Supersedes: Jun 1982			
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP	°F	71	67	82	87	92	99	100	97	99	87	80	76	100	38
MEAN MAX TEMP	°F	32	35	44	58	69	78	81	80	73	62	48	36	58	38
MEAN TEMP	°F	25	27	36	48	58	67	71	69	63	52	41	30	49	38
MEAN MIN TEMP	°F	17	19	27	37	46	55	59	58	52	42	33	23	39	38
XTRM MIN TEMP	°F	-20	-14	-7	11	24	30	42	32	29	20	1	-12	-20	38
D/W TEMP > 85°F		0	0	0	#	1	6	10	7	3	#	0	0	27	38
D/W TEMP > 80°F		0	0	#	1	6	14	20	18	8	1	#	0	68	38
D/W TEMP < 32°F		28	25	23	11	2	#	0	0	#	4	16	26	135	38
D/W TEMP < 10°F		8	6	1	0	0	0	0	0	0	0	#	4	19	38
VPR PRESS	"Hg	.09	.10	.14	.21	.32	.44	.54	.52	.42	.27	.20	.13	.24	10
MEAN DEWPOINT	°F	16	18	26	36	47	55	61	60	54	42	34	24	39	10
99.95% WCPA	Ft	1950	1850	1900	1850	1650	1550	1450	1400	1500	1650	1750	1850	1750	10
MEAN RH 07 LST	%	78	78	76	74	78	80	83	86	85	82	80	80	80	10
MEAN RH 13 LST	%	70	66	60	55	55	56	57	59	59	60	68	72	61	10
MAX 24HR PRECIP	"	2.7	1.9	2.0	1.6	1.9	3.6	3.8	2.8	3.0	4.3	2.7	1.9	4.3	38
MAX PRECIP	"	7.6	5.3	6.2	6.4	5.9	10.7	8.3	7.9	5.8	8.6	9.1	5.5	10.7	38
MEAN PRECIP	"	2.7	2.3	3.3	3.4	3.4	3.8	4.1	3.2	3.2	2.5	3.1	2.8	37.8	38
MIN PRECIP	"	7	.6	1.3	1.0	.8	1.4	1.6	.5	.3	.4	.9	.9	.3	38
D/W PRECIP > .01"		17	14	16	14	12	11	10	10	10	11	15	18	158	38
D/W PRECIP > .5"		1	1	2	2	2	3	3	2	2	1	2	1	22	38
MAX 24HR SNFL	"	10	9	10	12	5	0	0	0	#	4	17	9	17	38
MAX SNFL	"	36	23	23	12	5	0	0	0	#	7	31	23	36	38
MEAN SNFL	"	13	11	11	3	#	0	0	0	#	#	6	12	56	38
D/W SNFL > .1"		13	10	9	3	#	0	0	0	0	1	6	12	54	38
D/W SNFL > 1.5"		3	2	2	1	#	0	0	0	0	#	1	3	12	38
MEAN WND DRCTN		W	W	W	W	S	S	S	SW	S	S	W	W	W	10
MEAN WND SPD	Kts	10	9	10	10	8	8	7	7	7	8	9	10	8	10
MAX WND SPD**	Kts	58	44	68	65	61	50	44	50	54	44	45	54	68	12
MEAN CLD CVR 10th		9	8	7	7	7	6	6	7	6	7	8	8	7	10
D/W TSTORMS	#	#	#	2	3	4	7	7	5	3	1	1	#	33	38
D/W FOG VSBY < 7mi		13	12	13	12	14	15	17	19	17	14	14	14	174	38

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
@ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds
* - Data not available \$ - Percentage of calm winds > mean direction

REMARKS: Hurricanes/tropical storms observed (1900-1985):

	AUG	SEP	ANNUAL
Within 60NM	0/0	0/0	0/0
Within 120NM	0/1	0/0	0/1
Within 240NM	0/7	0/1	0/8

A W S CLIMATIC BRIEF		Station Name: YOUNGSTOWN MAP OH										Field Elev: 1,196 ft			
		Latitude/Longitude: N41 16 W080 41										Station MSC: 725250			
October 1987		Hourly Obs POR: Jun 77 to May 87										Call Sign: KYNG			
		Summary of Day POR: Jan 49 to May 87										Supersedes: Jun 1982			
		LST - GMT -5													
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY LESS THAN 3000/3	00-02	57	44	33	27	18	19	17	24	21	28	38	53	32	
	03-05	59	48	38	31	26	28	27	34	27	31	42	53	37	
	06-08	64	54	44	36	32	34	39	47	40	36	45	54	44	
	09-11	63	53	44	33	30	31	32	40	38	34	51	58	42	
	12-14	61	50	40	31	26	24	26	32	29	28	50	59	38	
	15-17	56	44	35	24	21	18	19	20	18	22	43	55	31	
	18-20	52	41	35	23	19	14	17	16	16	21	38	54	29	
	21-23	55	40	33	23	17	15	16	16	15	23	38	54	29	
00-24	58	47	38	29	24	23	24	29	26	28	43	55	35	10	
CIG/VSBY LESS THAN 1500/3	00-02	29	27	21	15	14	14	15	20	18	18	24	31	21	
	03-05	30	31	24	19	23	23	25	30	23	22	27	28	25	
	06-08	38	36	29	24	28	30	37	44	36	28	28	30	32	
	09-11	44	36	30	19	19	19	23	28	26	23	31	40	28	
	12-14	37	28	23	14	12	11	13	15	14	12	28	34	20	
	15-17	30	27	19	13	12	9	11	11	9	10	23	32	17	
	18-20	26	24	21	12	13	9	12	12	12	13	22	30	17	
	21-23	23	23	19	12	12	11	14	12	11	14	22	31	17	
00-24	32	29	23	16	17	16	19	22	19	18	26	32	22	10	
CIG/VSBY LESS THAN 1000/2	00-02	19	18	16	10	11	8	8	11	12	14	16	22	14	
	03-05	18	19	17	14	15	14	15	19	15	17	19	20	17	
	06-08	23	23	18	17	18	18	20	28	22	19	19	22	21	
	09-11	30	23	19	11	12	9	9	13	14	13	22	25	17	
	12-14	23	18	14	8	6	5	4	3	7	8	19	24	12	
	15-17	19	17	11	7	6	4	3	3	4	7	16	22	10	
	18-20	16	17	12	6	8	4	3	3	4	7	15	22	10	
	21-23	14	15	14	8	9	6	5	5	5	9	17	23	11	
00-24	20	19	15	10	11	9	8	11	10	12	18	23	14	10	
CIG/VSBY LESS THAN 200/1/2	00-02	2	3	2	1	2	1	#	2	2	2	1	3	2	
	03-05	1	3	2	1	2	3	2	5	4	3	2	2	3	
	06-08	1	5	2	2	2	2	2	6	3	3	2	3	3	
	09-11	1	3	1	#	#	0	0	1	1	1	1	3	1	
	12-14	1	2	#	0	0	0	0	0	0	#	#	2	#	
	15-17	1	1	#	0	0	0	0	0	0	#	#	2	#	
	18-20	1	1	#	#	#	#	0	0	#	1	1	3	1	
	21-23	1	2	1	1	1	0	0	1	1	1	1	3	1	
00-24	1	3	1	1	1	1	1	2	1	1	1	3	1	10	

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YOUNGSTOWN MAP, OH
 LOCATION: 4116N 8040W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 725250
 ELEVATION (FEET): 1184
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: YNG
 LST = GMT-5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	65	66	81	88	89	99	100	97	93	82	78	75 100
MEAN DAILY MAX	1	31	35	47	58	69	77	81	79	72	60	50	37 58
MEAN	1	25	27	38	48	58	67	71	69	62	51	42	30 49
MEAN DAILY MIN	1	18	20	29	38	48	56	60	60	53	42	35	24 40
EXTREME MIN	1	-23	-12	-8	14	25	35	43	32	32	21	1	-11 -23
# DAYS GE 90	1	0	0	0	0	0	1	3	1	#	0	0	0 5
# DAYS LE 32	1	27	23	19	9	1	0	0	#	#	4	13	25 122
# DAYS LE 0	1	2	2	#	0	0	0	0	0	0	0	0	1 6
2. PRECIPITATION (INCHES)													
MAXIMUM	2	7.6	5.3	6.2	6.4	5.9	10.7	8.3	7.9	5.8	8.6	9.1	5.5 *
MEAN	2	2.7	2.3	3.3	3.4	3.4	3.8	4.1	3.2	3.2	2.5	3.1	2.8 37.8
MINIMUM	2	0.7	0.6	1.3	1.0	0.8	1.4	1.6	0.5	0.3	0.4	0.9	0.9 *
MAX 24 HR	2	2.7	1.9	2.0	1.6	1.9	3.6	3.8	2.8	3.0	4.3	2.7	1.9 4.3
# DAYS W/PRECIP	1	24	21	20	18	16	14	11	13	13	16	19	24 209
# DAYS GE 0.5	2	1	1	2	2	2	3	3	2	2	1	2	1 22
3. SNOWFALL (INCHES)													
MEAN	2	13	11	11	3	#	0	0	0	#	#	6	12 56
MAXIMUM	2	36	23	23	12	5	0	0	0	#	7	31	23 *
MAX 24 HR	2	10	9	10	12	5	0	0	0	#	4	17	9 17
# DAYS W/SNOW	1	20	16	11	5	#	#	#	0	#	2	8	18 80
# DAYS GE 1.5	2	3	2	2	1	#	0	0	0	0	#	1	3 12
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	77	76	75	75	81	87	88	89	88	82	77	79 81
RH (15 LST)	1	67	62	57	51	51	53	53	56	57	57	62	69 58
VAPOR PRESS	1	.11	.12	.17	.22	.34	.47	.55	.55	.44	.28	.21	.14 .30
DEWPOINT	1	17	19	27	35	46	56	60	60	54	41	33	23 39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCIN	1	W	W	W	W	N	S	SW	SW	S	S	W	W S
MEAN SPEED													
(PVLG DRCIN)	1	12	11	11	11	8	7	8	7	7	8	11	12 9
MEAN SPEED													
(ALL OBS)	1	10	9	10	9	8	7	7	6	7	8	9	10 8
MAX PEAK GUST	1	52	44	68	65	49	50	44	50	54	40	47	46 68
PRESSURE ALT	2	1950	1850	1900	1850	1650	1550	1450	1400	1500	1650	1750	1850 1950
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	5	5	5	4	4	4	4	4	5	6	6 5
DAYS TSTMS	1	#	#	2	3	4	8	7	7	4	1	1	# 37
DAYS FOG LT 7	1	12	11	13	12	15	15	17	19	17	15	14	15 175
DAYS BNBD LT 7	1	0	0	#	0	#	0	0	0	0	0	#	# 0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(YOUNGSTOWN MAP, OH)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, OCT 87, PERIOD OF RECORD RANGING FROM 10-38 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	53	45	34	26	22	21	20	29	24	27	38	53	33
03-05 LST	57	48	37	32	28	30	31	37	34	32	40	53	38
06-08 LST	60	53	44	35	36	36	44	51	44	39	44	53	45
09-11 LST	61	53	45	34	35	34	35	45	42	37	46	57	44
12-14 LST	60	53	41	30	27	27	26	38	34	30	44	59	39
15-17 LST	53	47	36	25	21	20	21	29	23	23	39	54	33
18-20 LST	50	42	34	23	20	16	18	25	19	22	34	52	29
21-23 LST	50	42	32	23	19	16	17	25	20	23	35	53	30
ALL HOURS	56	48	38	28	26	25	27	35	30	29	40	54	36

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	28	21	16	17	17	18	26	20	19	23	32	22
03-05 LST	32	31	21	21	24	27	30	33	29	24	25	31	27
06-08 LST	37	36	29	25	31	33	42	48	40	31	27	33	34
09-11 LST	44	37	29	20	22	24	26	36	31	24	28	40	30
12-14 LST	36	30	22	14	13	15	15	24	19	14	24	35	22
15-17 LST	30	28	19	12	13	12	14	20	15	12	20	32	19
18-20 LST	26	25	19	13	13	12	14	21	14	13	20	29	18
21-23 LST	25	24	18	13	14	12	15	20	15	15	19	31	18
ALL HOURS	33	30	22	17	18	19	22	29	23	19	23	33	24

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	20	15	11	12	10	11	16	15	14	15	23	15
03-05 LST	20	21	16	15	18	17	19	23	21	18	17	20	19
06-08 LST	24	25	21	18	22	23	28	36	30	23	20	23	24
09-11 LST	32	24	20	13	13	12	11	19	17	15	20	29	19
12-14 LST	25	20	14	9	7	6	4	9	10	8	16	25	13
15-17 LST	20	21	12	7	7	5	4	7	6	7	14	24	11
18-20 LST	17	19	13	8	9	5	5	8	7	8	13	22	11
21-23 LST	16	17	14	9	9	7	7	9	9	10	14	22	12
ALL HOURS	22	21	16	11	12	11	11	16	14	13	16	24	16

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	3	1	2	1	2	3	3	3	2	4	3
03-05 LST	2	4	3	2	4	3	3	7	5	5	3	3	4
06-08 LST	3	6	4	3	3	3	3	8	6	5	3	3	4
09-11 LST	3	4	3	1	#	#	#	1	2	2	2	4	2
12-14 LST	2	3	1	1	#	#	0	#	0	1	1	4	1
15-17 LST	1	3	1	#	#	0	0	0	#	1	#	4	1
18-20 LST	2	3	2	1	#	#	#	#	1	1	1	3	1
21-23 LST	2	3	2	1	1	#	#	1	1	2	1	4	2
ALL HOURS	2	3	2	1	2	1	1	3	2	2	2	4	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YOUNGSTOWN MAP, OH
 LOCATION: 4116N 8040W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 725250
 ELEVATION (FEET): 1184
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: YNG
 LST = GMT-5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	1	1	2	1	1	1	#	0	0	1
03-05 LST	0	#	1	#	1	1	1	1	1	#	0	0	#
06-08 LST	#	0	#	#	#	1	1	1	1	#	#	0	#
09-11 LST	0	#	#	1	#	1	1	1	#	#	#	0	#
12-14 LST	0	#	#	1	1	2	2	1	1	#	#	0	1
15-17 LST	0	#	#	1	1	3	3	2	1	0	#	#	1
18-20 LST	#	#	1	1	2	4	2	2	2	1	#	#	1
21-23 LST	#	0	1	1	2	3	3	2	2	#	#	#	1
ALL HOURS	#	#	#	1	1	2	2	1	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	10	10	10	13	7	6	6	7	10	11	11	9
03-05 LST	7	9	11	10	13	8	8	7	9	12	12	10	10
06-08 LST	8	8	10	11	13	7	6	8	10	12	14	11	10
09-11 LST	7	8	10	11	11	8	5	6	9	10	13	11	9
12-14 LST	7	8	8	11	11	8	5	7	9	10	12	10	9
15-17 LST	6	8	8	12	12	8	5	6	8	11	14	11	9
18-20 LST	7	8	11	14	14	8	5	7	7	12	14	12	10
21-23 LST	8	9	11	12	14	8	6	6	8	12	13	10	10
ALL HOURS	7	9	10	11	12	8	6	7	8	11	13	11	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	23	13	6	#	0	#	0	0	2	9	24	9
03-05 LST	30	26	15	7	#	0	0	0	0	1	9	25	9
06-08 LST	33	26	14	6	#	0	0	0	0	1	9	23	9
09-11 LST	33	24	15	6	#	#	0	0	0	1	8	24	9
12-14 LST	30	22	13	5	#	#	0	0	0	1	9	22	9
15-17 LST	26	21	12	5	#	0	0	0	0	#	8	22	8
18-20 LST	26	20	12	4	#	0	0	0	#	1	8	23	8
21-23 LST	28	20	12	5	#	0	#	#	0	2	8	24	8
ALL HOURS	30	23	13	6	#	#	#	#	#	1	8	23	9

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	2	2	#	#	#	#	0	1	2	4	1
03-05 LST	4	2	1	2	#	#	#	#	#	0	2	3	1
06-08 LST	4	2	3	2	#	#	#	#	#	1	2	4	2
09-11 LST	5	3	6	6	1	1	#	#	1	2	4	4	3
12-14 LST	8	5	9	9	4	1	#	#	1	3	6	6	4
15-17 LST	8	5	8	10	3	1	0	1	1	3	4	5	4
18-20 LST	5	3	4	4	1	#	#	#	#	2	2	4	2
21-23 LST	5	4	3	3	1	#	#	#	#	1	2	4	2
ALL HOURS	5	3	4	5	1	1	#	#	#	1	3	4	2

(YOUNGSTOWN MAP, OH)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, OCT 87, PERIOD OF RECORD RANGING FROM 10-38 YRS.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	19	13	10	11	10	10	15	13	13	13	20	14
03-05 LST	18	19	14	13	17	16	18	22	19	16	14	18	17
06-08 LST	21	23	18	16	20	21	27	35	29	21	17	20	22
09-11 LST	30	22	18	11	11	10	9	17	16	14	18	27	17
12-14 LST	22	17	13	7	6	5	3	8	8	6	14	22	11
15-17 LST	18	19	11	6	6	5	4	7	6	7	13	22	10
18-20 LST	14	18	12	7	8	5	5	8	7	7	11	20	10
21-23 LST	13	16	12	9	8	6	7	9	8	8	12	21	11
ALL HOURS	19	19	14	10	11	10	10	15	13	12	14	21	14

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	13	9	7	8	6	5	9	9	10	8	14	9
03-05 LST	11	13	10	8	12	10	11	16	13	11	9	12	11
06-08 LST	14	16	13	10	12	14	17	26	20	14	11	14	15
09-11 LST	19	15	12	6	6	5	4	10	9	8	11	18	10
12-14 LST	14	13	8	3	2	2	2	3	4	4	7	16	6
15-17 LST	12	13	7	3	3	2	1	3	3	4	7	14	6
18-20 LST	9	12	7	4	5	3	2	4	4	5	7	14	6
21-23 LST	8	10	8	5	6	4	3	5	5	6	7	15	7
ALL HOURS	12	13	9	6	7	6	6	9	8	8	8	15	9

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	8	5	3	4	3	3	6	6	6	4	8	5
03-05 LST	5	7	6	4	8	6	7	10	9	7	5	6	7
06-08 LST	8	9	7	6	8	8	9	16	13	9	6	7	9
09-11 LST	11	9	7	3	2	2	2	3	5	4	5	11	5
12-14 LST	8	7	4	2	#	#	1	1	1	2	4	9	3
15-17 LST	6	8	4	1	1	1	#	1	1	2	3	9	3
18-20 LST	6	7	4	2	2	1	1	2	2	2	3	8	3
21-23 LST	5	6	4	2	3	2	2	3	3	3	3	8	4
ALL HOURS	7	8	5	3	4	3	3	5	5	4	4	8	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	1	1	1	2	2	2	1	2	1
03-05 LST	1	2	2	1	2	2	2	5	4	3	2	2	2
06-08 LST	1	4	2	2	2	2	2	5	4	3	2	2	2
09-11 LST	1	3	1	#	#	0	#	#	1	1	1	2	1
12-14 LST	#	2	#	#	0	0	0	0	0	#	#	1	#
15-17 LST	#	1	#	#	#	0	0	0	#	#	#	2	#
18-20 LST	1	1	#	#	#	#	0	0	#	1	1	1	#
21-23 LST	1	1	1	1	#	#	0	1	1	1	#	2	1
ALL HOURS	1	2	1	1	1	1	1	2	1	1	1	2	1

A W S	STATION NAME: ALTUS AFB OK	FIELD ELEV: 1378 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 34 40 N 099 16 W	STATION MSC: 723520
	HOURLY OBS POR: AUG 79 - JUL 89	CALL SIGN: KLTS
	SUMMARY OF DAY POR: FEB 43 - MAR 45, SEP 53 - JUL 89	
FEB 90	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: SEP 85
	LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	84	91	102	105	107	116	111	113	106	98	92	87	116	40
MEAN MAX TEMP (F)	49	55	64	75	82	91	96	95	86	75	62	52	74	40
MEAN TEMP (F)	38	43	52	63	71	80	85	84	75	64	51	42	62	40
MEAN MIN TEMP (F)	27	32	39	50	60	68	73	72	64	52	39	31	50	40
EXTRM MIN TEMP (F)	-4	3	8	25	38	49	58	54	35	28	14	2	-4	40
D/W TEMP GE 100 (F)	0	0	#	#	1	3	10	9	1	0	0	0	24	40
D/W TEMP GE 90 (F)	0	#	1	2	7	18	26	25	13	2	#	0	94	40
D/W TEMP LT 33 (F)	23	15	7	1	0	0	0	0	0	1	7	19	73	40
D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	40
HEATING DEGREE DAYS	819	608	417	138	24	1	0	#	12	110	416	705	3250	36
COOLING DEGREE DAYS	#	#	11	71	221	439	608	577	320	84	4	#	2335	36
MEAN DEWPOINT TEMP (F)	25	29	37	44	55	63	64	64	57	48	36	29	46	10
MEAN WET BULB TEMP (F)	34	37	45	53	62	69	71	71	64	55	44	36	53	10
99.95% WCPA (FT)	1850	1950	2050	1950	1850	1700	1600	1600	1700	1800	1950	1900	1900	10
MEAN REL HUM 07 LST(%)	70.2	71.6	73.0	70.2	74.1	75.9	68.6	70.0	73.0	73.8	73.3	73.3	72.3	10
MEAN REL HUM 13 LST(%)	47.6	50.7	46.2	41.3	46.7	48.5	40.1	41.2	45.1	47.7	47.6	52.4	46.2	10
MAX 24HR PRECIP (IN)	2.35	1.60	1.72	2.38	6.28	3.73	2.54	2.69	6.54	5.48	1.44	1.90	6.54	40
MAX PRECIP (IN)	5.21	3.08	3.91	6.36	14.88	7.99	8.33	7.42	9.57	9.11	3.58	4.20	37.26	40
MEAN PRECIP (IN)	.91	.92	1.40	1.97	4.99	3.14	1.89	2.07	2.78	2.69	.98	.96	24.71	40
MIN PRECIP (IN)	.00	#	#	.02	.06	.01	#	.02	#	.05	#	#	10.90	40
D/W PRECIP GE .01 (IN)	4	5	5	6	9	7	5	6	5	6	4	5	67	40
D/W PRECIP GT .50 (IN)	1	1	1	1	3	2	1	1	2	2	1	1	17	40
MAX 24HR SNFL (IN)	7.6	7.0	3.2	.5	0	0	0	0	0	#	2.9	5.2	7.6	37
MAX SNFL (IN)	10.2	13.8	4.5	.5	0	0	0	0	0	#	3.9	7.0	20.8	37
MEAN SNFL (IN)	2.1	2.5	.5	#	0	0	0	0	0	#	.4	1.4	7.2	37
D/W SNFL GE .1 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	37
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	1	1	5	37
MAX DLY SNO DEPTH (IN)	9	7	3	#	0	0	0	0	0	0	2	5	9	37
PRVLNG WND DIR (DEG)	35-01	02-04	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	35-01	35-01	14-16	10
MEAN WND SPD (KTS)	7	8	8	8	7	6	6	5	6	6	7	6	7	10
MAX WND SPD (KTS)	56	82	56	60	80	68	66	62	60	45	56	66	82	34
SKY COVER GT 5/10 (%)	43.0	50.7	48.0	41.5	48.0	45.6	26.0	30.7	35.0	41.1	42.0	46.1	41.7	10
D/W THUNDERSTORMS	1	1	3	4	9	7	6	6	4	3	1	1	46	37
D/W FOG (VSBY LT 7 MI)	8	8	8	6	6	3	2	2	5	6	7	8	69	37

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	15.7	19.1	12.9	6.8	7.2	4.7	1.9	.8	6.4	15.9	14.1	19.7	10.4	10
	03 - 05	18.2	21.4	15.6	9.3	12.4	4.1	3.4	1.3	8.1	19.2	18.7	22.3	12.8	10
	06 - 08	19.4	25.6	21.0	12.2	17.4	8.7	3.5	2.6	7.7	21.4	21.4	23.8	15.4	10
	09 - 11	19.4	28.2	20.2	11.8	15.1	9.3	3.3	2.3	10.0	20.5	19.4	22.9	15.2	10
	12 - 14	16.9	25.0	15.6	8.0	9.4	3.4	1.9	1.7	6.0	16.5	19.1	21.2	12.1	10
	15 - 17	14.4	20.8	13.5	5.4	4.7	1.6	.2	.4	3.9	10.0	13.0	16.5	8.7	10
	18 - 20	14.0	17.6	11.6	5.1	4.1	1.7	.0	.5	4.4	10.1	10.2	15.5	7.9	10
	21 - 23	13.5	17.2	10.9	5.4	4.6	2.2	.1	.4	5.3	11.8	12.8	17.6	8.5	10
	ALL	16.4	21.8	15.2	8.0	9.4	4.5	1.8	1.2	6.5	15.7	16.1	19.9	11.3	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	10.8	11.7	6.1	4.0	4.4	2.9	1.2	.5	4.3	10.2	10.4	11.4	6.5	10
	03 - 05	11.7	15.1	8.6	5.8	8.0	1.9	2.6	1.1	5.0	14.2	12.9	14.0	8.4	10
	06 - 08	14.1	19.3	12.7	7.6	13.5	4.6	2.5	2.0	6.2	15.9	14.1	17.1	10.8	10
	09 - 11	13.9	19.2	13.1	6.4	8.3	3.3	2.0	1.3	5.6	15.2	13.4	16.2	9.8	10
	12 - 14	11.3	15.0	8.8	3.9	3.4	1.1	.8	.5	3.3	9.9	10.0	13.8	6.8	10
	15 - 17	8.7	10.1	6.6	1.9	1.0	.8	.0	.1	2.4	5.1	7.0	10.8	4.5	10
	18 - 20	8.2	9.3	6.6	2.6	1.7	.9	.0	.2	2.4	5.8	5.7	10.6	4.5	10
	21 - 23	9.4	9.7	5.3	3.0	2.9	1.1	.1	.1	3.6	6.3	8.8	9.8	5.0	10
	ALL	11.0	13.7	8.5	4.4	5.4	2.1	1.1	.7	4.1	10.3	10.3	13.0	7.0	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	9.0	9.5	4.3	1.9	3.3	2.2	.3	.2	2.7	7.6	6.9	8.3	4.7	10
	03 - 05	10.3	11.2	6.3	3.8	4.5	1.3	1.1	.8	3.4	11.2	9.4	9.2	6.0	10
	06 - 08	10.9	14.7	9.2	4.9	8.1	2.8	1.7	1.4	4.0	13.3	10.3	11.8	7.8	10
	09 - 11	10.5	14.8	9.2	4.1	3.9	1.6	1.0	.9	3.6	11.1	8.4	12.3	6.8	10
	12 - 14	7.4	9.8	5.6	2.3	1.4	.2	.2	.4	1.4	5.7	5.7	8.1	4.0	10
	15 - 17	5.8	7.1	3.8	.8	.3	.2	.0	.1	1.2	2.4	4.9	6.5	2.8	10
	18 - 20	6.0	6.6	3.5	.8	1.2	.4	.0	.0	1.8	4.1	4.3	8.2	3.1	10
	21 - 23	7.1	7.4	3.0	1.0	2.0	.8	.0	.1	2.3	5.6	6.0	7.4	3.6	10
	ALL	8.4	10.1	5.6	2.4	3.1	1.2	.5	.5	2.6	7.6	7.0	9.0	4.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.3	2.5	.4	.0	.0	.2	.0	.0	.0	.5	1.7	1.5	.7	10
	03 - 05	1.5	2.6	1.3	.4	.2	.0	.0	.1	.1	2.7	1.6	2.9	1.1	10
	06 - 08	2.2	3.3	2.4	.6	.4	.0	.0	.2	.2	3.5	1.3	3.7	1.5	10
	09 - 11	1.2	2.4	.9	.0	.0	.0	.0	.0	.0	.9	.6	2.3	.7	10
	12 - 14	.6	.1	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	10
	15 - 17	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.1	10
	18 - 20	.3	.5	.0	.0	.0	.0	.0	.0	.0	.2	.7	.8	.2	10
	21 - 23	.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.8	1.0	.3	10
	ALL	1.0	1.6	.6	.1	.1	.0	.0	.0	.0	1.0	.9	1.6	.6	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS :															

AWS CLIMATIC BRIEF															CLINTON SHERMAN AFB, OKLAHOMA										PERIOD: 1958-67										WBAN # 03932									
Prepared by ETAC (MAR 1971)															N 35 21 W 99 11										ELEVATION: 1933 ft										STN LTRSKCSM									
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				MEAN NUMBER OF DAYS																MEAN CLOUDS (TENTHS)											
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK GUST) SPEED	RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (ft)	99.95%	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)																					
																							MAXIMUM				MINIMUM																	
																							≥ 90	≥ 80	≥ 32	≥ 0	≥ 90	≥ 80	≥ 32	≥ 0														
JAN	80	46	23	-4	0.5	0.8	3	8	S	10	45	71	51	21	.11	2400	3	#	2	#	#	8	0	#	25	1	4																	
FEB	88	50	28	5	1.1	1.4	4	9	N	10	54	68	50	24	.13	2500	5	1	3	1	#	7	0	#	18	0	5																	
MAR	92	59	35	1	1.0	1.0	1	3	S	12	59	65	44	29	.16	2600	5	#	1	#	2	9	#	1	12	0	5																	
APR	94	72	50	29	1.7	1.9	0	0	S	12	59	68	43	42	.27	2550	5	1	0	0	4	5	2	9	1	0	5																	
MAY	100	81	60	37	3.4	2.0	0	0	S	12	61	73	46	52	.39	2500	8	2	0	0	9	5	5	18	0	0	5																	
JUN	102	86	66	50	4.6	2.3	0	0	S	10	52	77	51	61	.54	2300	10	3	0	0	11	4	10	25	0	0	5																	
JUL	105	92	71	58	3.5	4.9	0	0	S	8	58	72	45	63	.58	2100	6	2	0	0	7	3	21	30	0	0	4																	
AUG	107	92	70	53	1.6	1.5	0	0	S	8	47	71	45	61	.54	2150	5	1	0	0	7	3	21	29		0	4																	
SEP	101	82	63	44	4.3	3.0	0	0	S	9	52	78	53	58	.49	2300	7	3	0	0	6	7	8	19	0	0	4																	
OCT	91	73	52	33	2.9	2.0	0	0	S	9	41	73	46	46	.31	2350	5	2	0	0	3	7	1	10	0	0	3																	
NOV	82	59	38	12	1.7	2.8	#	2	S	9	44	72	50	35	.20	2450	4	1	#	#	2	8	0	#	8	0	4																	
DEC	78	47	29	5	1.4	1.6	3	7	S	10	49	74	56	26	.14	2400	6	1	2	1	1	10	0	0	20	0	5																	
ANN	107	70	49	-4	27.7	4.9	11	9	S	10	61	72	48	43	.28	2450	69	17	8	2	52	76	68	141	84	1	4																	
EYR	9	7	7	9	7	7	7	7	9	9	7	9	9	9	8	7	7	7	7	7	7	7	7	7	7	7	9																	
REMARKS																																												
RUSSWO FOR: HRLY OBS: SEP 58-JUL 67																																												
DAILY OBS: SEP 58-SEP 65																																												
NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.																																												
FLYING WEATHER (% FREQ)		HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR																											
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02		12	15	12	10	11	6	2	3	9	9	17	21	11																													
	03-05		13	16	17	17	13	9	4	6	14	14	20	24	14																													
	06-08		16	19	21	20	19	11	7	9	20	15	22	25	17																													
	09-11		16	19	23	19	20	12	7	9	22	14	20	26	17																													
	12-14		14	17	19	14	11	7	6	6	15	11	17	23	13																													
	15-17		12	13	16	10	8	4	3	2	9	8	11	19	10																													
	18-20		11	12	14	9	6	4	1	2	8	7	12	19	9																													
	21-23		10	14	12	12	6	3	1	3	6	8	14	19	9																													
	ALL HOURS		13	16	17	14	12	7	4	5	13	11	17	22	13	9																												
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02		10	11	8	10	7	4	2	3	7	7	15	18	8																													
	03-05		11	12	11	13	9	7	3	5	12	11	17	18	11																													
	06-08		14	15	15	16	13	9	6	7	17	14	19	20	14																													
	09-11		14	17	15	13	11	6	4	6	17	11	16	21	13																													
	12-14		11	13	11	7	5	2	3	2	9	7	11	18	8																													
	15-17		8	9	10	5	3	1	1	1	5	5	7	15	6																													
	18-20		7	9	10	6	3	2	1	1	6	5	0	16	6																													
	21-23		7	10	8	7	3	2	1	2	5	6	11	17	7																													
	ALL HOURS		10	12	11	10	7	4	2	3	10	8	13	18	9	9																												
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02		9	9	7	8	5	3	1	3	7	6	12	16	7																													
	03-05		10	10	9	10	6	6	3	4	11	9	15	15	9																													
	06-08		12	13	12	12	8	7	4	6	14	12	17	16	11																													
	09-11		12	14	11	9	6	3	3	3	12	9	13	17	9																													
	12-14		8	11	8	5	2	1	1	1	6	4	9	14	6																													
	15-17		6	7	7	5	1	1	1	#	3	4	5	12	4																													
	18-20		6	7	7	5	2	2	#	#	4	3	7	14	5																													
	21-23		6	8	6	5	2	2	#	1	4	4	10	15	5																													
	ALL HOURS		8	10	8	7	4	3	2	2	7	6	11	15	7	9																												
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02		3	2	2	1	1	#	#	1	1	1	3	5	2																													
	03-05		4	2	2	2	1	2	#	1	1	3	5	7	3																													
	06-08		6	5	2	2	1	1	1	1	1	4	5	7	3																													
	09-11		4	4	2	1	#	0	#	#	1	1	3	6	2																													
	12-14		1	2	1	#	0	0	0	0	#	#	1	2	0																													
	15-17		1	1	#	1	0	0	0	#	0	0	1	2	0																													
	18-20		1	1	1	1	1	#	0	0	1	#	1	4	1																													
	21-23		1	2	1	1	1	#	0	0	1	1	2	5	1																													
	ALL HOURS		3	2	1	1	1	#	#	#	1	1	3	5	2	9																												

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CLINTON-SHERMAN FAA OK
 LOCATION: 35°21'N, 99°12'W
 PREPARED BY: USAFETAC/ECR, FEB 1988

STATION #: 723526
 ELEVATION (FEET): 1923
 PERIOD: VARIED

ICAO ID: KCSM
 LST = GMT -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	80	88	92	94	103	110	108	107	102	93	85	78	110
MEAN DLY MAX 1¢	44	50	60	70	77	87	93	90	82	70	56	46	69
MEAN 1¢	36	43	53	64	70	81	87	84	76	63	50	40	62
MEAN DLY MIN 1¢	29	34	44	55	62	71	78	76	67	55	42	32	54
EXTREME MIN 1-2	-4	2	1	29	37	55	65	53	34	26	12	-2	-4
# DAYS > 90 1¢	0	0	#	#	2	12	20	18	8	1	0	0	61
# DAYS < 32 1¢	18	11	4	#	0	#	0	0	0	#	5	15	53
# DAYS < 0 1¢	#	0	0	0	0	0	0	0	0	0	0	#	#
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (LST)	*	*	*	*	*	*	*	*	*	*	*	*	*
RH (LST)	*	*	*	*	*	*	*	*	*	*	*	*	*
VAPOR PRESS	*	*	*	*	*	*	*	*	*	*	*	*	*
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1¢	N	S	S	S	S	S	S	S	S	S	S	N	S
MEAN SPEED (PVLG DRCTN) 1¢	13	12	14	15	14	14	11	12	13	13	14	13	
MEAN SPEED (ALL OBS) 1¢	11	12	13	13	11	11	10	9	10	11	11	11	11
MAX (PK GST) 1¢	40	50	45	51	58	55	40	40	60	42	40	48	60
PRESSURE ALT 1¢	2500	2600	2600	2550	2400	2400	2100	2150	2300	2450	2400	2550	2600
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1¢	4	4	4	4	5	4	3	4	4	4	4	4	4
DAYS TSTMS	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS FOG < 7	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS BNBD < 7	*	*	*	*	*	*	*	*	*	*	*	*	*
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 φ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, HOURLY 0600-2000 LST
 2. AWS CLIMATIC BRIEF POR SEP 58-SEP 65, HOURLY 0000-2300 LST
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	23	32	27	24	29	13	9	12	22	26	28	23	22
09-11 LST	22	33	28	24	27	16	9	10	20	26	30	25	22
12-14 LST	19	29	25	20	25	13	7	9	19	22	26	20	20
15-17 LST	17	25	22	18	19	6	4	5	11	17	18	19	15
18-20 LST	17	26	20	11	14	6	2	3	8	15	16	18	13
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	19	30	23	21	25	11	7	10	19	23	24	19	19
09-11 LST	20	30	24	20	20	10	6	9	18	22	25	22	19
12-14 LST	16	24	17	12	12	5	3	6	11	15	18	17	13
15-17 LST	13	20	14	10	7	2	2	3	6	9	13	15	9
18-20 LST	12	21	13	7	7	4	1	2	5	10	12	13	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	16	24	19	18	20	9	5	9	17	19	22	16	16
09-11 LST	17	24	20	15	14	5	3	7	13	19	21	19	15
12-14 LST	13	18	13	8	7	3	2	4	7	11	13	13	9
15-17 LST	10	14	10	6	5	2	#	2	4	7	11	11	7
18-20 LST	10	18	11	4	5	3	0	2	4	8	10	11	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	7	13	10	5	3	1	#	3	5	10	9	6	6
09-11 LST	6	9	8	1	1	1	0	1	2	4	7	6	4
12-14 LST	4	5	1	1	#	#	0	0	#	1	4	3	2
15-17 LST	2	5	2	1	#	#	#	0	0	#	3	2	1
18-20 LST	4	6	2	1	1	1	0	0	#	2	3	3	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-JWL15

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CLINTON-SHERMAN FAA OK
LOCATION: 35°21'N, 99°12'W
PREPARED BY: USAFETAC/ECR, FEB 1988

STATION #: 723526
ELEVATION (FEET): 1923
PERIOD: 7301-8612

ICAO ID: KCSM
LST = GMT -6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	2	2	1	1	1	1	2	0	1
09-11 LST	#	#	0	#	2	1	0	#	1	1	1	0	1
12-14 LST	#	#	#	1	2	1	1	1	#	#	#	#	1
15-17 LST	#	0	0	1	3	2	2	2	1	#	#	0	1
18-20 LST	0	0	1	1	4	3	2	2	#	1	#	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	4	3	5	5	4	3	6	5	6	7	3	4
09-11 LST	3	4	6	5	5	3	1	4	5	6	5	4	4
12-14 LST	3	3	5	2	3	3	2	2	4	6	4	3	3
15-17 LST	3	3	4	4	4	2	2	2	4	5	3	5	3
18-20 LST	2	4	5	4	4	2	2	2	4	6	3	3	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	4	#	0	0	0	0	0	0	0	1	2	1
09-11 LST	3	4	0	0	0	0	0	0	0	0	1	2	1
12-14 LST	3	4	1	0	0	0	0	0	0	0	#	2	1
15-17 LST	3	4	1	#	0	0	0	0	0	0	0	1	1
18-20 LST	2	6	#	0	0	0	0	0	0	0	#	2	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	4	7	5	2	3	1	1	2	3	4	4	4
09-11 LST	8	8	11	14	7	7	2	3	7	8	9	8	8
12-14 LST	11	9	16	17	7	6	3	2	8	11	14	11	10
15-17 LST	11	12	17	17	8	9	3	4	8	8	10	10	10
18-20 LST	3	4	8	11	5	5	2	3	2	3	4	4	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 φ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, HOURLY 0600-2000 LST
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	22	18	16	18	8	4	8	15	18	20	16	15
09-11 LST	15	21	18	11	9	4	3	5	12	16	19	17	13
12-14 LST	12	15	10	5	4	3	1	3	5	10	11	11	7
15-17 LST	9	13	8	4	3	2	#	1	3	6	10	10	6
18-20 LST	9	17	8	4	4	3	0	1	4	7	8	10	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	17	14	12	12	5	3	5	11	15	15	11	11
09-11 LST	12	17	14	7	4	3	1	3	7	11	13	13	9
12-14 LST	9	10	6	3	2	2	#	2	2	5	8	8	5
15-17 LST	6	10	5	3	1	1	#	1	2	3	7	6	4
18-20 LST	6	12	6	1	3	2	0	1	2	6	6	9	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	15	11	8	6	3	2	4	8	11	12	8	8
09-11 LST	8	13	11	3	2	1	0	2	4	7	10	9	6
12-14 LST	6	8	3	1	1	1	0	1	1	2	5	5	3
15-17 LST	4	7	4	1	#	#	#	#	#	2	6	4	2
18-20 LST	5	10	3	1	2	1	0	#	1	3	4	6	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	9	8	4	2	#	#	1	4	7	7	5	4
09-11 LST	5	6	4	1	#	0	0	#	1	2	4	4	2
12-14 LST	2	3	1	#	#	#	0	0	0	#	2	1	1
15-17 LST	1	1	1	0	#	0	#	0	0	#	2	1	1
18-20 LST	2	3	1	0	0	1	0	0	#	0	2	2	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-JWL15a

A W S CLIMATIC BRIEF JUL 92	STATION NAME: FORT SILL OK												FIELD ELEV: 1188 FT	
	LATITUDE/LONGITUDE: 34 39 N 098 24 W												STATION MSC: 723550	
	HOURLY OBS POR: JAN 82 - DEC 91												CALL SIGN: KF8I	
	SUMMARY OF DAY POR: SEP 39-JUN 42, AUG 44-OCT 91												SUPERSEDES: JAN 87	
	HOURS SUMMARIZED: 0000 - 2300 LST													
	LST TO UTC: +06													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	83	85	101	99	105	112	111	109	108	100	87	87	112	52
MEAN MAX TEMP (F)	49	54	63	73	80	89	94	94	86	75	62	52	73	52
MEAN TEMP (F)	39	44	52	62	70	79	83	83	75	64	51	42	62	52
MEAN MIN TEMP (F)	28	33	40	51	59	68	72	71	64	53	40	31	51	52
EXTRM MIN TEMP (F)	-6	2	1	24	35	46	57	54	37	26	13	-5	-6	52
D/W TEMP GE 100 (F)	0	0	#	0	1	2	6	6	1	#	0	0	16	52
D/W TEMP GE 90 (F)	0	0	1	1	4	15	24	23	11	2	0	0	81	52
D/W TEMP LT 33 (F)	21	14	6	1	0	0	0	0	0	1	6	17	66	52
D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	52
HEATING DEGREE DAYS	803	594	417	146	29	1	0	#	12	117	418	703	3240	44
COOLING DEGREE DAYS	#	#	12	63	196	417	579	556	312	88	5	#	2228	44
MEAN DEWPOINT TEMP (F)	24	30	38	45	57	63	65	65	58	48	37	28	46	10
MEAN WET BULB TEMP (F)	33	38	45	52	62	68	70	71	64	55	44	34	53	10
99.95% WCPA (FT)	1700	1750	1900	1800	1700	1550	1400	1400	1600	1650	1750	1800	1750	10
MEAN REL HUM 07 LST(%)	69.4	72.3	73.6	72.0	79.6	78.8	74.7	76.1	77.9	76.9	74.8	76.2	75.2	10
MEAN REL HUM 13 LST(%)	49.2	52.7	51.5	48.3	54.3	51.9	45.7	46.4	50.6	51.6	51.7	56.1	50.8	10
MAX 24HR PRECIP (IN)	2.11	2.18	2.42	2.55	6.94	4.15	3.54	2.31	3.83	7.33	2.66	3.02	7.33	52
MAX PRECIP (IN)	4.02	4.63	6.86	6.57	13.91	10.88	7.37	6.63	9.27	15.26	5.28	7.93	44.80	52
MEAN PRECIP (IN)	1.16	1.51	2.02	2.63	5.41	3.75	2.48	2.26	3.28	3.39	1.66	1.30	30.98	52
MIN PRECIP (IN)	.00	#	#	.06	.34	.57	.00	.02	#	.01	.00	#	17.31	52
D/W PRECIP GE .01 (IN)	5	5	6	7	9	7	6	6	6	6	5	5	73	52
D/W PRECIP GT .50 (IN)	1	1	1	2	3	3	1	2	2	2	1	1	20	52
MAX 24HR SNFL (IN)	11.0	5.2	9.8	#	0	0	0	0	0	#	1.8	5.0	11.0	45
MAX SNFL (IN)	14.7	11.4	9.8	#	0	0	0	0	0	#	2.2	9.2	24.7	45
MEAN SNFL (IN)	2.6	2.0	.8	#	0	0	0	0	0	#	.2	1.2	6.9	45
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	1	1	5	45
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	#	1	4	45
MAX DLY SNO DEPTH (IN)	12	5	5	#	0	0	0	0	0	0	2	5	12	45
PRVING WND DIR (DEG)	35-01	35-01	35-01	14-16	14-16	14-16	14-16	14-16	14-16	17-19	35-01	35-01	14-16	10
MEAN WND SPD (KTS)	7	8	9	8	8	7	6	6	7	7	8	7	7	10
MAX WND SPD (KTS)	62	61	63	65	75	70	58	74	74	69	58	53	75	39
SKY COVER GT 5/10 (%)	42.1	49.7	50.0	43.7	48.2	43.0	29.5	31.4	37.5	40.3	44.2	48.4	42.3	10
D/W THUNDERSTORMS	1	1	3	5	9	7	6	6	4	3	1	1	47	52
D/W FOG (VSBY LT 7 MI)	9	9	8	7	8	4	3	3	6	7	8	8	80	52
LEGEND: ANN - ANNUAL D/W - MEAN NUMBER OF DAYS WITH & - BASED ON LESS THAN FULL MONTHS ** - INSTANTANEOUS PEAK WINDS * - DATA NOT AVAILABLE POR/YOR - PERIOD/YEARS OF RECORD WCPA - WORST CASE MAXIMUM PRESSURE ALTITUDE # - LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ - PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	17.2	23.8	18.1	10.1	12.3	5.2	1.6	1.2	7.7	13.2	18.9	23.5	12.7	10
	03 - 05	21.2	26.1	20.9	15.6	19.6	7.7	4.2	2.0	11.6	17.6	23.0	25.7	16.3	10
	06 - 08	25.2	28.6	26.6	19.3	24.5	10.8	7.4	5.5	14.8	20.3	27.1	27.1	19.8	10
	09 - 11	21.2	32.2	23.9	17.6	20.2	10.2	5.5	4.1	15.0	21.1	24.9	27.2	18.6	10
	12 - 14	17.0	28.0	21.6	11.9	12.7	5.4	2.6	3.0	9.9	16.9	20.9	23.8	14.5	10
	15 - 17	14.9	21.4	18.0	6.9	8.3	2.1	1.1	2.0	6.3	11.5	14.9	21.5	10.7	10
	18 - 20	14.0	19.6	15.3	6.8	7.1	1.8	.6	2.0	5.1	10.0	12.4	21.9	9.7	10
	21 - 23	14.2	19.1	14.3	6.7	9.0	2.8	1.0	1.2	5.3	11.8	14.0	21.3	10.1	10
	ALL	18.1	24.9	19.8	11.8	14.2	5.8	3.0	2.6	9.5	15.3	19.5	24.0	14.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	13.5	14.7	9.6	6.4	7.4	3.4	1.3	.6	5.7	8.9	13.0	15.8	8.4	10
	03 - 05	15.7	17.8	13.5	10.4	11.8	5.4	3.1	1.4	7.4	12.9	16.7	18.1	11.2	10
	06 - 08	18.6	21.3	16.7	13.9	16.5	7.1	4.8	4.7	10.7	14.7	18.6	19.9	14.0	10
	09 - 11	16.1	25.1	14.9	9.4	10.3	4.0	2.6	3.1	8.9	12.8	17.1	20.5	12.1	10
	12 - 14	12.3	17.4	10.6	5.3	4.3	1.3	.9	1.6	4.4	8.4	12.2	17.1	8.0	10
	15 - 17	9.5	13.8	9.1	2.8	3.9	.6	.9	1.0	2.9	5.1	8.9	13.7	6.0	10
	18 - 20	9.4	13.4	9.4	3.0	2.9	1.3	.3	1.0	1.9	5.6	7.0	14.0	5.8	10
	21 - 23	10.8	11.7	9.0	4.1	4.3	1.7	.6	.2	3.7	7.2	9.7	14.7	6.5	10
	ALL	13.2	16.9	11.6	6.9	7.7	3.1	1.8	1.7	5.7	9.4	12.9	16.7	8.9	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.1	11.5	6.3	4.8	3.8	2.2	.9	.4	4.2	5.9	9.1	11.3	5.9
03 - 05		12.7	12.4	9.7	7.0	8.7	4.0	2.4	1.2	5.3	10.3	11.8	14.2	8.3	10
06 - 08		15.7	16.2	12.9	10.2	11.3	4.4	3.2	3.1	8.0	11.8	15.2	15.7	10.6	10
09 - 11		13.0	17.8	9.5	5.4	5.3	2.0	1.3	1.5	4.7	10.3	11.8	16.5	8.3	10
12 - 14		10.0	11.8	6.9	3.1	1.6	.9	.3	.2	2.6	4.1	7.5	12.2	5.1	10
15 - 17		7.6	9.0	4.7	2.0	2.2	.3	.3	.5	1.7	2.6	6.7	9.4	3.9	10
18 - 20		6.6	9.8	6.0	2.3	2.3	1.1	.1	.3	1.4	3.5	5.3	11.2	4.2	10
21 - 23		7.0	8.7	5.9	2.7	2.5	.9	.4	.1	2.3	5.1	7.3	10.2	4.4	10
ALL		10.3	12.2	7.7	4.7	4.7	2.0	1.1	.9	3.8	6.7	9.3	12.6	6.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	2.6	2.4	.2	.2	.2	.0	.1	.0	.0	.5	2.0	2.3	.9
	03 - 05	4.1	2.6	1.1	1.1	.5	.1	.0	.3	.1	1.6	2.7	3.0	1.4	10
	06 - 08	5.4	4.7	2.6	1.6	.5	.1	.1	.3	.4	2.3	3.4	3.9	2.1	10
	09 - 11	2.8	3.1	1.2	.0	.0	.0	.0	.0	.2	.2	1.8	3.0	1.0	10
	12 - 14	1.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.4	.4	.2	10
	15 - 17	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.2	.1	10
	18 - 20	.3	.0	.0	.0	.2	.1	.0	.0	.0	.1	.4	.5	.1	10
	21 - 23	.6	.7	.0	.0	.0	.0	.0	.1	.1	.0	.8	2.0	.4	10
	ALL	2.2	1.7	.7	.4	.2	.0	.0	.1	.1	.6	1.5	1.9	.8	10
	HURRICANES/TROPICAL STORMS OBSERVED : 1900 - 1985														
HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		
60MM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
120MM	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/1	0/0	0/0	0/0	0/0	0/2		
240MM	0/0	0/0	0/0	0/0	0/0	0/2	0/1	0/2	0/1	0/0	0/0	0/0	0/6		
REMARKS : @															

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: HOBART MUNICIPAL OK
 LOCATION: 35°00'N, 99°03'W
 PREPARED BY: USAFETAC/ECR, FEB 1988

STATION #: 723525
 ELEVATION (FEET): 1565
 PERIOD: 7301-8612

ICAO ID: KHBR
 LST = GMT -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	81	86	94	95	106	115	112	106	104	102	87	77	115
MEAN DLY MAX 1	47	54	64	73	80	90	96	94	85	74	60	51	72
MEAN 1	34	40	51	60	69	78	84	82	74	62	49	39	60
MEAN DLY MIN 1	25	30	39	48	57	66	72	71	63	51	39	29	49
EXTREME MIN 1	-5	0	0	22	33	48	55	57	30	25	12	0	-5
# DAYS > 90 1	0	0	#	#	4	17	26	24	12	2	0	0	85
# DAYS < 32 1	24	16	7	2	0	0	0	0	#	1	7	20	77
# DAYS < 0 1	#	#	#	0	0	0	0	0	0	0	0	#	#
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/PRECIP 1	7	7	8	8	9	7	5	7	6	7	7	6	84
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/SNOWFALL 1	4	3	1	#	0	0	0	0	0	0	1	2	11
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST)	81	83	81	83	87	83	76	78	82	82	85	82	82
RH (16 LST)	54	53	48	47	48	43	37	38	45	47	53	54	47
VAPOR PRESS	.15	.18	.25	.35	.48	.59	.62	.63	.54	.37	.26	.17	.38
DEWPOINT	24	30	38	47	56	62	64	64	60	49	39	29	47
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	S	S	S	S	S	S	S	S	S	S	S	S	S
MEAN SPEED (PVLG DRCTN) 1	11	12	13	12	12	12	11	11	11	11	11	11	12
MEAN SPEED (ALL OBS) 1	10	11	12	11	10	10	9	9	9	10	10	10	10
MAX (PK GST) 1	45	51	45	54	46	50	50	50	37	45	48	42	54
PRESSURE ALT 1	2150	2200	2300	2200	2150	2650	1750	1800	2000	2100	2050	2150	2650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	4	4	4	4	4	4	3	4	3	4	4	4
DAYS TSMS 1	#	1	2	4	8	6	4	5	2	2	1	#	35
DAYS FOG < 7 1	8	9	9	7	8	3	2	5	5	7	8	7	76
DAYS BNBD < 7 1	#	1	2	2	#	1	#	0	0	#	#	#	6
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 ¢ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	23	18	12	16	3	3	4	10	12	18	15	13
03-05 LST	23	25	22	15	19	7	4	6	13	16	22	16	16
06-08 LST	22	28	26	21	25	11	6	8	15	21	28	23	20
09-11 LST	21	30	25	21	25	14	7	7	17	22	29	24	20
12-14 LST	19	28	25	20	22	12	8	6	16	20	25	22	19
15-17 LST	18	23	22	16	14	6	4	4	12	15	20	20	15
18-20 LST	16	21	18	13	11	3	2	3	8	10	18	15	11
21-23 LST	17	21	15	11	13	3	1	3	7	11	16	15	11
ALL HOURS	20	25	21	16	18	7	4	5	13	16	22	19	16

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	18	13	8	9	2	2	3	8	8	11	9	9
03-05 LST	18	21	16	10	12	4	3	3	10	11	16	10	11
06-08 LST	17	24	21	17	20	8	5	7	13	16	22	17	15
09-11 LST	19	25	20	15	16	6	4	4	14	17	23	18	15
12-14 LST	15	22	17	11	8	2	2	3	8	13	17	16	11
15-17 LST	13	17	12	8	5	2	1	1	5	8	12	12	8
18-20 LST	12	15	11	8	5	1	1	1	5	6	10	10	7
21-23 LST	12	16	11	7	6	1	1	2	6	7	9	9	7
ALL HOURS	15	20	15	10	10	3	2	3	9	11	15	13	10

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	14	10	5	6	1	0	1	5	5	8	6	6
03-05 LST	14	15	12	7	7	2	2	2	7	6	12	7	8
06-08 LST	14	18	16	12	13	5	3	4	7	12	17	13	11
09-11 LST	15	20	15	11	7	3	2	3	8	12	18	14	11
12-14 LST	12	16	10	5	4	2	1	2	4	7	12	10	7
15-17 LST	10	12	8	4	2	1	#	1	3	5	9	9	5
18-20 LST	9	11	8	5	3	1	#	#	3	5	7	6	5
21-23 LST	9	11	7	4	4	1	0	1	4	5	6	4	5
ALL HOURS	12	15	11	7	6	2	1	2	5	7	11	9	7

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	6	3	#	1	#	0	#	1	1	3	2	2
03-05 LST	5	7	3	1	1	#	#	#	1	2	5	2	2
06-08 LST	5	8	5	2	1	1	0	1	2	5	7	4	3
09-11 LST	4	8	2	#	0	#	0	#	#	2	4	3	2
12-14 LST	2	3	1	#	0	0	#	0	#	#	2	1	1
15-17 LST	1	2	1	#	0	#	0	0	0	#	2	1	1
18-20 LST	2	3	1	#	#	#	0	#	#	#	1	1	1
21-23 LST	2	4	2	1	#	#	0	#	#	#	1	1	1
ALL HOURS	3	5	2	1	#	#	0	0	1	1	3	2	2

ECR-JLW16

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: HOBART MUNICIPAL OK
 LOCATION: 30°00'N, 99°03'W
 PREPARED BY: USAFETAC/ECR, FEB 1988

STATION #: 723525
 ELEVATION (FEET): 1565
 PERIOD: 7301-8612

ICAO ID: KHBR
 LST = GMT -6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	3	4	3	1	2	2	1	1	0	2
03-05 LST	#	1	1	2	3	3	1	3	1	1	#	0	1
06-08 LST	#	#	1	1	2	2	1	1	1	2	1	0	1
09-11 LST	0	#	#	1	2	1	#	1	1	1	1	#	1
12-14 LST	#	#	1	1	2	1	1	1	#	#	1	0	1
15-17 LST	#	0	1	2	3	3	2	2	#	#	#	#	1
18-20 LST	0	0	1	2	5	2	3	3	1	#	#	#	2
21-23 LST	0	#	1	3	5	3	1	3	2	1	#	#	2
ALL HOURS	#	#	1	2	3	2	1	2	1	1	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	4	6	6	3	2	3	6	3	7	3	4
03-05 LST	4	4	5	5	5	5	2	4	6	5	8	2	5
06-08 LST	3	4	5	6	4	5	2	3	5	5	8	4	5
09-11 LST	3	3	6	5	4	3	2	3	4	6	6	4	4
12-14 LST	4	4	7	4	2	2	2	2	3	5	5	4	4
15-17 LST	3	3	5	4	4	3	1	1	4	4	4	3	3
18-20 LST	4	3	5	4	6	2	3	2	5	4	4	4	4
21-23 LST	5	4	4	5	6	3	2	4	6	4	5	3	4
ALL HOURS	4	4	5	5	5	3	2	3	5	5	6	3	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	#	#	0	0	0	0	0	0	1	2	1
03-05 LST	4	4	#	#	0	0	0	0	0	0	1	2	1
06-08 LST	4	4	1	#	0	0	0	0	0	0	#	3	1
09-11 LST	3	4	1	#	0	0	0	0	0	0	#	2	1
12-14 LST	4	3	1	#	0	0	0	0	0	0	#	2	1
15-17 LST	2	3	#	#	0	0	0	0	0	0	#	2	1
18-20 LST	2	3	#	0	0	0	0	0	0	0	1	1	1
21-23 LST	2	3	0	0	0	0	0	0	0	0	1	1	1
ALL HOURS	3	3	#	#	0	0	0	0	0	0	1	2	1

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	6	5	1	1	#	#	1	3	3	3	3
03-05 LST	5	4	5	3	1	1	#	#	1	3	2	2	2
06-08 LST	5	4	4	3	2	#	1	0	1	2	3	2	2
09-11 LST	8	9	12	9	5	3	2	1	3	4	5	5	6
12-14 LST	8	10	15	12	6	3	2	1	4	7	8	8	7
15-17 LST	7	9	14	14	6	5	2	3	5	7	6	5	7
18-20 LST	3	5	7	8	4	2	1	1	1	2	3	3	3
21-23 LST	4	5	6	6	4	1	0	1	1	3	4	3	3
ALL HOURS	6	6	9	8	4	2	1	1	2	4	4	4	4

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ϕ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	12	7	3	4	1	#	1	4	4	7	5	5
03-05 LST	13	13	8	6	5	1	1	2	5	5	10	5	6
06-08 LST	12	16	13	10	10	4	2	3	7	11	14	10	9
09-11 LST	13	18	13	8	5	1	1	2	6	9	15	12	8
12-14 LST	10	13	7	3	2	1	1	1	3	5	10	9	5
15-17 LST	8	10	6	3	1	1	#	1	2	4	7	7	4
18-20 LST	7	9	6	4	2	1	#	#	3	4	6	5	4
21-23 LST	8	9	6	3	2	1	0	1	4	4	5	3	4
ALL HOURS	10	13	8	5	4	1	1	1	4	6	9	7	6

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	10	5	1	2	1	#	1	3	2	5	3	3
03-05 LST	8	11	5	4	3	1	#	1	4	3	7	3	4
06-08 LST	9	13	9	7	4	2	1	1	5	8	11	8	7
09-11 LST	10	14	7	4	1	1	#	1	2	6	10	8	5
12-14 LST	6	8	3	1	1	#	#	#	1	2	6	5	3
15-17 LST	5	5	3	1	#	1	#	#	#	1	5	4	2
18-20 LST	4	5	3	2	1	1	#	#	0	2	4	3	2
21-23 LST	5	7	3	1	1	#	0	#	2	3	4	2	2
ALL HOURS	7	9	5	3	2	1	#	1	2	3	6	5	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	8	3	1	1	#	#	#	3	1	4	2	2
03-05 LST	7	9	3	2	2	1	#	1	3	2	6	2	3
06-08 LST	7	11	6	4	2	1	#	1	3	6	8	5	5
09-11 LST	6	10	4	1	#	#	#	#	1	3	6	5	3
12-14 LST	4	4	2	#	#	0	#	0	#	1	3	2	1
15-17 LST	2	3	1	#	#	#	0	0	#	#	3	2	1
18-20 LST	3	4	2	1	#	#	#	#	#	1	2	2	1
21-23 LST	4	5	2	1	#	#	0	0	1	1	2	1	1
ALL HOURS	5	7	3	1	1	#	#	#	1	2	4	3	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	2	#	#	0	0	#	#	#	3	1	1
03-05 LST	5	5	1	1	#	#	0	#	1	1	4	2	2
06-08 LST	4	5	3	1	1	0	0	#	1	3	5	3	2
09-11 LST	3	5	1	#	0	0	0	0	#	1	2	2	1
12-14 LST	1	1	#	0	0	0	0	0	#	#	1	#	#
15-17 LST	1	1	#	#	0	0	0	0	0	0	1	#	#
18-20 LST	1	1	#	0	#	#	0	0	0	#	1	1	#
21-23 LST	1	3	1	1	#	0	0	0	#	#	1	1	1
ALL HOURS	2	3	1	#	#	#	0	#	#	1	2	1	1

ECR-JWL16a

[illegible]

A W S CLIMATIC BRIEF SEP 92	STATION NAME: VANCE AFB OK												FIELD ELEV: 1307 FT		
	LATITUDE/LONGITUDE: 36 20 N 097 55 W												STATION MSC: 723535		
	HOURLY OBS POR: JAN 82 - DEC 91												CALL SIGN: KEND		
	SUMMARY OF DAY POR: JAN 42-JAN 47, OCT 48-OCT 91												SUPERSEDES: OCT 87		
	HOURS SUMMARIZED: 0000 - 2300 LST														
	LST TO UTC: +06														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	80	85	93	100	110	110	114	111	107	98	87	83	114	50	
MEAN MAX TEMP (F)	44	50	59	69	78	88	93	92	83	72	58	47	70	50	
MEAN TEMP (F)	35	40	48	59	68	78	83	82	73	62	48	38	60	50	
MEAN MIN TEMP (F)	25	30	37	48	58	67	72	71	63	51	38	29	49	50	
EXTRM MIN TEMP (F)	-8	-4	0	19	31	48	51	51	37	23	10	-9	-9	50	
D/W TEMP GE 100 (F)	0	0	0	#	#	1	6	6	1	0	0	0	14	50	
D/W TEMP GE 90 (F)	0	0	#	1	3	14	22	21	9	1	0	0	71	50	
D/W TEMP LT 33 (F)	24	17	10	1	#	0	0	0	0	1	8	21	82	50	
D/W TEMP LT 10 (F)	2	1	1	0	0	0	0	0	0	0	0	1	5	50	
HEATING DEGREE DAYS	913	692	516	228	49	1	#	#	19	159	507	802	3886	43	
COOLING DEGREE DAYS	0	#	5	41	158	406	559	542	302	70	3	#	2086	43	
MEAN DEWPOINT TEMP (F)	22	26	35	43	55	62	63	63	55	45	34	24	44	10	
MEAN WET BULB TEMP (F)	30	34	42	50	60	67	69	69	62	52	41	31	51	10	
99.95% WCPA (FT)	1800	1900	2000	1950	1800	1600	1500	1500	1650	1700	1900	1800	1800	10	
MEAN REL HUM 07 LST(%)	69.3	71.3	72.3	71.8	76.9	76.2	71.7	71.0	71.1	72.1	70.9	70.9	72.1	10	
MEAN REL HUM 13 LST(%)	50.5	53.9	51.2	50.2	54.3	50.1	45.0	45.5	47.0	50.3	52.0	55.3	50.4	10	
MAX 24HR PRECIP (IN)	1.90	2.48	2.09	7.01	6.79	4.27	5.82	2.87	4.60	9.30	3.26	1.92	9.30	50	
MAX PRECIP (IN)	5.25	4.09	8.61	9.24	15.95	7.81	12.12	6.76	7.79	11.62	4.72	3.14	49.05	50	
MEAN PRECIP (IN)	.89	1.22	2.04	2.82	4.47	3.38	2.60	2.59	2.94	2.50	1.50	.93	27.60	50	
MIN PRECIP (IN)	.00	.03	#	.17	.11	.08	.04	.04	.33	#	#	#	6.43	50	
D/W PRECIP GE .01 (IN)	5	5	6	7	9	8	6	6	6	5	4	5	72	50	
D/W PRECIP GT .50 (IN)	1	1	1	2	3	2	2	2	2	2	1	1	20	50	
MAX 24HR SNFL (IN)	9.0	9.6	6.0	4.0	0	0	0	0	#	1.0	3.7	7.0	9.6	46	
MAX SNFL (IN)	17.4	13.7	13.1	4.0	0	0	0	0	#	1.0	5.6	9.1	29.6	46	
MEAN SNFL (IN)	3.0	3.4	1.8	.2	0	0	0	0	#	#	.8	2.0	11.3	46	
D/W SNFL GE .1 (IN)	2	2	1	#	0	0	0	0	0	0	1	1	7	46	
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	46	
MAX DLY SNO DEPTH (IN)	12	10	5	1	0	0	0	0	0	#	4	7	12	46	
PRVING WND DIR (DEG)	35-01	35-01	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10	
MEAN WND SPD (KTS)	9	9	10	9	8	7	7	7	8	8	9	8	8	10	
MAX WND SPD (KTS)	53	56	53	75	70	78	75	70	63	72	57	58	78	41	
SKY COVER GT 5/10 (%)	39.6	49.7	51.4	47.9	50.4	45.9	32.3	34.4	39.5	39.1	44.1	47.7	43.4	10	
D/W THUNDERSTORMS	1	1	2	4	7	8	6	6	4	3	1	1	44	50	
D/W FOG (VSBY LT 7 MI)	9	10	10	7	9	5	4	5	7	7	7	8	88	50	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	16.3	23.2	18.5	10.8	12.5	4.9	1.3	2.3	7.4	14.9	19.4	21.9	12.8	10
	03 - 05	19.0	26.7	21.2	14.8	18.2	8.2	2.7	4.4	10.7	16.5	20.9	26.7	15.8	10
	06 - 08	21.3	29.8	26.0	21.3	23.8	12.8	4.5	8.0	14.0	19.4	24.3	26.0	19.3	10
	09 - 11	21.3	29.2	26.9	21.3	23.7	11.4	6.5	6.9	14.3	20.5	23.6	25.6	19.3	10
	12 - 14	18.6	26.7	23.9	18.0	16.3	6.3	3.2	4.7	10.2	19.8	24.8	23.3	16.3	10
	15 - 17	15.9	23.5	22.7	12.7	8.6	3.3	1.3	3.3	6.3	14.7	21.7	21.3	12.9	10
	18 - 20	16.2	20.7	18.8	8.8	8.7	3.1	.9	2.4	6.7	13.5	19.4	20.2	11.6	10
	21 - 23	16.5	21.3	17.4	8.6	11.2	4.1	.4	2.4	6.9	13.9	19.0	19.5	11.8	10
	ALL	18.1	25.1	21.9	14.5	15.4	6.8	2.6	4.3	9.6	16.7	21.6	23.1	14.9	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	11.7	17.8	12.9	7.6	7.7	3.0	.5	1.5	5.1	10.0	15.8	16.6	9.2	10
	03 - 05	14.3	21.3	14.4	9.1	12.9	4.9	1.6	3.9	8.9	12.7	16.9	21.4	11.9	10
	06 - 08	16.9	24.1	19.7	13.6	16.6	9.8	3.2	6.9	11.0	14.6	19.2	23.0	14.9	10
	09 - 11	18.3	24.0	20.4	13.4	12.8	6.3	2.5	5.3	9.7	15.7	18.3	23.0	14.1	10
	12 - 14	14.9	21.0	14.4	9.3	6.0	2.4	.2	2.7	5.4	12.0	16.2	19.7	10.3	10
	15 - 17	11.2	17.3	11.5	5.9	3.5	2.0	.2	1.5	3.9	8.5	13.6	17.7	8.1	10
	18 - 20	11.5	14.3	12.0	4.8	5.4	1.7	.5	1.5	5.2	8.1	12.2	15.5	7.7	10
	21 - 23	12.0	14.5	11.7	5.8	6.8	2.1	.0	1.6	5.2	9.7	13.2	16.5	8.3	10
	ALL	13.9	19.3	14.6	8.7	9.0	4.0	1.1	3.1	6.8	11.4	15.7	19.2	10.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.0	13.5	9.0	5.6	6.0	2.6	.3	1.1	3.8	8.4	12.2	12.5	7.1	10
	03 - 05	11.2	17.7	11.2	7.1	9.5	4.3	.9	2.5	6.4	10.2	13.0	15.6	9.1	10
	06 - 08	12.4	19.7	15.1	9.9	11.8	7.3	2.0	5.2	7.7	12.0	14.8	18.0	11.3	10
	09 - 11	12.7	19.6	14.4	9.7	7.2	3.9	1.9	3.7	6.7	12.2	12.8	19.5	10.4	10
	12 - 14	10.9	17.1	9.8	5.1	3.5	1.1	.0	1.4	3.3	8.3	12.0	16.2	7.4	10
	15 - 17	8.1	13.0	8.0	3.8	2.2	1.2	.0	.6	2.6	5.7	9.1	13.0	5.6	10
	18 - 20	7.1	11.2	8.0	3.7	1.8	1.3	.3	.9	3.8	6.2	10.1	11.5	5.5	10
	21 - 23	9.1	11.9	8.5	4.2	3.3	2.0	.0	1.2	3.2	8.5	9.7	12.6	6.2	10
	ALL	10.2	15.5	10.5	6.1	5.7	3.0	.7	2.1	4.7	8.9	11.7	14.9	7.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.3	2.8	.6	1.1	.8	.1	.0	.0	.0	2.6	1.8	3.8	1.3	10
	03 - 05	2.7	5.0	1.5	1.1	1.5	.8	.0	.0	.8	2.7	2.4	4.0	1.9	10
	06 - 08	2.4	7.2	2.7	2.3	1.4	.9	.3	.6	1.6	2.6	1.8	5.4	2.4	10
	09 - 11	1.2	5.1	2.0	.7	.2	.1	.1	.0	.4	.8	.9	4.0	1.3	10
	12 - 14	.8	.9	.4	.1	.1	.1	.0	.0	.0	.0	.2	2.1	.4	10
	15 - 17	1.2	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	2.1	.4	10
	18 - 20	1.3	.7	.1	.1	.1	.0	.0	.0	.0	.4	.8	2.0	.5	10
	21 - 23	2.4	2.4	.2	.4	.5	.1	.0	.0	.0	1.5	1.7	3.1	1.0	10
	ALL	1.8	3.1	1.0	.7	.6	.3	.1	.1	.3	1.3	1.2	3.3	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/0	0/0	0/0	0/0	0/1
120NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/0	0/0	0/0	0/0	0/1
240NM	0/0	0/0	0/0	0/0	0/0	0/2	0/0	0/3	0/3	0/0	0/0	0/0	0/8

REMARKS : 0

AWS CLIMATIC BRIEF

ASTORIA WBAS/CLATSOP COUNTY APT, OREGON

PERIOD 1931-69

WBAN # 94224

WMO 72791

Prepared by ETAC (Jan. 1971)

N 46 10 W 123 53

ELEVATION. 21

11STN LTRS EAST

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)		MEAN				99.95% (feet)	MEAN NUMBER OF DAYS										MEAN CLOS (feet)						
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (Fastest) SPEED (Kilo)	RELATIVE HUMIDITY (%)		WIND PRESSURE (in)		VAPOR PRESSURE (in)	99.95% (feet)	PRECIP ≥ 0.1				SNOWFALL ≥ 0.1					THUNDERSTORMS	FOG (< 7 Miles)	TEMPERATURE (°F)			
												0400	1300					DEW POINT (°F)	PRECIP ≥ 0.5		PRECIP ≥ 1.0		SNOWFALL ≥ 1.5		SNOWFALL ≥ 2.0				MAXIMUM	MINIMUM		
																			90	80	70	60	50	40	30						20	
JAN	65	27	35	11	11.7	4.3	4	7	E	8	40	87	79	37	.22	800	24	8	2	#	1	16	0	0	9	0	8					
FEB	72	50	36	19	9.9	2.9	#	4	SE	8	40	87	75	39	.24	800	20	6	#	#	#	14	0	0	7	0	8					
MAR	73	52	37	24	8.9	2.7	1	6	SE	8	38	88	70	38	.23	700	20	6	1	#	1	11	0	0	8	0	8					
APR	83	57	41	29	5.2	2.3	#	#	WNW	7	45	89	69	42	.27	550	19	3	0	0	#	13	0	#	3	0	8					
MAY	86	62	45	30	3.2	1.7	0	0	NW	7	28	90	68	46	.31	350	15	1	0	0	#	11	0	1	#	0	8					
JUN	93	65	50	38	3.0	2.4	0	0	NW	7	25	91	71	51	.37	250	14	1	0	0	#	12	#	#	0	0	8					
JUL	100	69	53	42	1.3	1.4	0	0	NW	7	23	91	69	53	.40	200	7	1	0	0	#	11	#	1	0	0	7					
AUG	99	69	53	42	1.5	1.7	0	0	NW	7	24	93	70	55	.43	200	10	1	0	0	#	16	0	#	0	0	7					
SEP	82	67	49	36	3.1	2.6	0	0	SE	6	30	92	68	53	.40	350	11	2	0	0	1	17	#	2	0	0	6					
OCT	81	61	45	30	7.8	3.5	0	0	SE	6	38	91	72	48	.33	500	18	5	0	0	2	17	0	#	#	0	7					
NOV	71	54	39	15	11.2	3.5	#	2	SE	7	40	89	76	42	.27	700	20	7	#	#	1	14	0	0	5	0	8					
DEC	63	49	37	15	13.7	3.0	2	7	ESE	8	45	88	80	40	.25	800	24	8	1	#	1	18	0	0	7	0	8					
ANN	100	58	43	11	80.5	4.3	7	7	SE	7	45	90	72	45	.30	550	202	49	4	#	7	170	#	4	39	0	8					
EYR	10	30	30	16	30	16	16	16	15	15	16	16	15	15	15	15	16	15	15	15	16	15	16	15	16	16	15					

REMARKS: Means and extremes from the 1969 NOAA/SDS Local Climatological Data Annual Summary

*Observed fastest 1-minute values converted to knots

^b Annual extremes exceeded at other sites in locality:

EXT MAX: 101° in Jul 1942

EXT IDN: 100 in Jan 1946

MAX PRECIP in 24 Hrs: 7.0 in. in Jan 1919

MAX SNOWFALL in 24 HRS: 9 in. in Jan 1890

RECORD FOR: Hrly & Daily Obs: Jan 53 - Jul 67

NOTE: **DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
CIG	00-02	45	40	34	38	37	44	52	52	37	36	35	43	41	
Less Than 100 feet	03-05	45	40	39	43	45	51	60	62	42	39	37	45	46	
and/or VSBY	06-08	48	43	42	46	47	51	61	57	40	41	38	48	47	
Less Than 3 Miles	09-11	47	40	40	41	39	46	48	43	28	32	34	44	40	
	12-14	46	39	38	34	29	33	25	26	19	28	35	44	33	
	15-17	45	39	36	31	25	32	22	22	18	28	34	42	31	
	18-20	40	37	34	33	29	35	32	28	23	28	33	43	33	
	21-23	42	38	31	30	32	40	41	38	29	32	35	44	36	
	ALL HOURS	45	40	37	37	35	41	43	41	30	33	35	44	38	15
CIG	00-02	24	20	14	18	16	23	29	35	24	23	20	25	23	
Less Than 1500 feet	03-05	22	22	19	21	20	26	36	39	29	26	22	25	26	
and/or VSBY	06-08	23	21	19	21	19	26	34	35	26	26	21	25	25	
Less Than 3 Miles	09-11	24	18	14	14	11	16	19	19	14	17	18	23	17	
	12-14	21	15	12	12	7	13	8	10	8	13	14	21	13	
	15-17	23	17	12	12	3	12	8	10	9	14	17	22	14	
	18-20	20	19	13	13	10	14	13	15	12	15	18	26	16	
	21-23	24	21	12	14	12	18	24	23	18	20	18	26	19	
	ALL HOURS	23	19	15	16	13	19	22	23	17	19	19	24	19	15
CIG	00-02	13	14	7	11	8	13	16	23	15	17	12	16	14	
Less Than 1000 feet	03-05	12	13	10	14	13	16	21	27	21	19	12	17	16	
and/or VSBY	06-08	13	14	13	15	11	15	21	24	20	20	14	17	16	
Less Than 2 Miles	09-11	15	11	9	7	6	9	9	12	8	12	14	17	11	
	12-14	14	8	6	6	3	4	2	5	4	9	10	14	7	
	15-17	14	12	7	8	4	6	3	6	6	10	11	15	9	
	18-20	12	10	6	8	5	7	6	12	8	11	11	16	9	
	21-23	13	12	5	7	6	10	12	17	10	13	11	14	11	
	ALL HOURS	13	12	8	9	7	10	11	16	12	12	12	16	12	15
CIG	00-02	3	2	1	1	1	1	#	4	3	5	2	5	2	
Less Than 200 Feet	03-05	3	3	2	3	2	2	2	6	7	6	4	5	4	
and/or VSBY	06-08	2	4	2	2	1	#	1	4	5	7	4	5	3	
Less Than 1 Mile	09-11	1	1	#	0	0	0	0	0	0	1	2	1	1	
	12-14	0	#	0	0	0	0	0	0	0	0	0	1	#	
	15-17	#	0	0	0	0	0	0	0	0	0	#	#	#	
	18-20	1	1	0	0	0	0	#	0	#	1	1	1	1	
	21-23	3	2	#	#	0	0	0	1	1	3	2	3	1	
	ALL HOURS	2	2	1	1	#	#	#	3	2	3	2	3	2	15

PREPARED BY		STATION NAME		PERIOD		STN LTNS	
USAFETAC		PLANTH FALLS (KINGSLEY FLD) OP		SEP 59-SEP 86		LPT	
1957		LOCATION		ELEV		RSC NO:	
		102 10 4121 44		4092 FT		725RVS	
AWS CLIMATIC BRIEF							
MONTH	TEMPERATURE (°F)		PRECIPITATION (IN)		SHOWFALL (IN)		RELATIVE HUMIDITY (%)
	MEAN		MONTHLY		MONTHLY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	
JAN	37	21	70	5.6	-2.5	1.9	4.1
FEB	46	27	35	6.7	-2	1.2	4.6
MAR	49	26	29	7.5	3	1.1	3.2
APR	55	30	43	10.6	13	0.6	1.6
MAY	65	38	72	9.4	20	0.7	2.7
JUN	74	45	62	9.4	26	0.7	2.6
JUL	83	50	67	9.6	30	0.3	2.2
AUG	81	49	65	17	30	0.6	3.4
SEP	74	42	58	9.3	21	0.4	2.2
OCT	62	34	46	7.7	14	1.1	4.7
NOV	47	24	36	14	1.7	4.3	1.7
DEC	38	22	30	5.4	-20	1.9	6.7
ANN	59	35	47	10	-25	12.8	6.7
YR	22	2	2	22	21	21	21
REMARKS: RUSSO FOR: HOURLY OBS: OCT 76-SEP 86 SUMMARY OF DAY DATA: SEP 59-SEP 86							
NOTE: DATA NOT AVAILABLE							
AMTS < UNITS SHOWN IN HEADING							
INSTANTANEOUS PEAK WINDS							
S & CALM CNTR % PLVG DRETN							
BASED ON < FULL MONTHS							
DAY PERIOD	NOV 15	JAN	FEB	MAR	APR	MAY	JUN
00-02	1	17	11	5	4	2	0
03-05	24	20	14	9	5	3	0
06-08	25	25	17	11	9	5	1
09-11	26	25	19	10	9	5	1
12-14	17	20	16	9	5	3	1
15-17	14	14	13	8	3	2	1
18-20	15	15	13	7	4	2	0
21-23	15	13	10	7	4	1	0
ALL MRS	20	14	14	8	5	3	1
CEILING LESS THAN 100 FT AND/OR VISIBILITY LESS THAN 3 MI							
00-02	15	7	3	1	8	0	0
03-05	17	10	3	3	2	1	0
06-08	19	12	5	4	3	1	0
09-11	18	13	6	4	1	0	0
12-14	8	9	4	2	1	0	0
15-17	7	6	3	1	0	0	0
18-20	7	5	3	1	0	0	0
21-23	10	4	3	2	0	0	0
ALL MRS	13	6	4	3	1	0	0
CEILING LESS THAN 100 FT AND/OR VISIBILITY LESS THAN 1/2 MI							
00-02	9	2	0	0	0	0	0
03-05	10	4	1	1	0	0	0
06-08	12	5	1	1	0	0	0
09-11	7	3	0	0	0	0	0
12-14	1	0	0	0	0	0	0
15-17	1	0	0	0	0	0	0
18-20	3	0	0	0	0	0	0
21-23	0	1	0	0	0	0	0
ALL MRS	6	2	1	1	0	0	0

A W S CLIMATIC BRIEF MAY 91	STATION NAME: PORTLAND IAP OR												FIELD ELEV: 23 FT			
	LATITUDE/LONGITUDE: 45 35 N 122 36 W												STATION MSC: 726980			
	HOURLY OBS FOR: JAN 81 - DEC 90												CALL SIGN: KPDX			
	SUMMARY OF DAY FOR: JAN 26-DEC 42, JAN 48-DEC 89												SUPERSEDES: JUL 87			
HOURS SUMMARIZED: 0000 - 2300 LST																
LST TO UTC: +08																
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	TOR	
EXTN MAX TEMP (F)		65	71	83	93	100	102	107	107	105	92	73	64	107	57	
MEAN MAX TEMP (F)		44	50	55	61	68	73	79	79	74	64	53	46	62	57	
MEAN TEMP (F)		39	43	47	52	58	63	68	68	63	55	46	41	54	57	
MEAN MIN TEMP (F)		34	36	39	42	48	53	57	57	52	46	40	36	45	57	
EXTN MIN TEMP (F)		-2	-3	19	29	12	39	43	44	34	26	13	6	-3	57	
D/W TEMP GE 85 (F)		0	0	0	1	2	4	8	8	4	1	0	0	28	57	
D/W TEMP GE 75 (F)		0	0	1	2	7	12	22	22	13	3	0	0	82	57	
D/W TEMP LT 33 (F)		12	7	4	1	8	0	0	0	0	1	4	8	37	57	
D/W TEMP LT 20 (F)		2	1	8	0	8	0	0	0	0	0	1	1	5	57	
HEATING DEGREE DAYS		787	605	552	390	245	97	25	20	83	305	559	731	4399	43	
COOLING DEGREE DAYS		0	0	0	8	12	44	118	115	46	2	0	0	337	43	
MEAN DEWPOINT TEMP (F)		35	35	40	42	46	50	53	54	50	47	40	33	44	10	
MEAN WET BULB TEMP (F)		38	39	44	47	51	56	59	60	56	50	44	36	48	10	
99.95% WCPA (FT)		650	700	650	500	350	350	250	250	350	450	700	650	500	10	
MEAN REL HUM 07 LST(%)		87.1	85.6	87.3	84.4	80.8	78.2	76.6	79.7	84.3	90.0	86.7	83.7	83.7	10	
MEAN REL HUM 13 LST(%)		73.5	67.7	63.3	59.3	57.0	53.7	50.6	48.2	51.3	63.8	72.3	73.8	61.2	10	
MAX 24HR PRECIP (IN)		2.48	1.84	2.06	1.83	1.47	2.03	.92	1.47	2.23	1.81	2.43	3.99	3.99	57	
MAX PRECIP (IN)		12.83	11.41	8.12	6.22	4.30	4.06	2.68	4.53	5.52	7.00	14.40	17.45	55.47	57	
MEAN PRECIP (IN)		5.50	4.24	3.79	2.38	2.04	1.53	.50	.89	1.75	3.00	5.50	6.71	37.83	57	
MIN PRECIP (IN)		.06	.78	.80	.53	.46	.02	.00	8	8	.19	.36	1.38	22.48	57	
D/W PRECIP GE .01 (IN)		18	16	17	14	12	9	4	5	8	12	17	19	151	57	
D/W PRECIP GE .50 (IN)		3	2	2	1	1	1	1	1	1	2	3	4	22	57	
MAX 24HR SNFL (IN)		9.3	5.0	2.3	8	8	8	0	8	8	8	7.0	8.0	9.3	41	
MAX SNFL (IN)		41.4	13.2	5.3	8	8	8	0	8	8	8	8.2	15.7	43.5	41	
MEAN SNFL (IN)		3.6	.9	.3	8	8	8	0	8	8	8	.5	1.6	7.0	41	
D/W SNFL GE .1 (IN)		2	1	1	0	0	0	0	0	0	0	1	1	6	41	
D/W SNFL GE 1.5 (IN)		1	1	8	0	0	0	0	0	0	0	8	1	3	41	
MAX DLY SNO DEPTH (IN)		15	14	5	0	0	0	0	0	0	0	5	11	15	41	
FWLING WND DIR (DEG)		11-13	11-13	11-13	29-31	32-34	32-34	32-34	32-34	32-34	11-13	11-13	11-13	11-13	10	
MEAN WND SPD (KTS)		8	8	7	7	6	7	7	6	6	6	8	8	7	10	
MAX WND SPD (KTS)		55	59	62	55	42	34	30	33	44	75	62	50	75	29	
SKY COVER GT 5/10 (%)		79.4	77.4	75.5	72.8	70.3	61.4	48.1	43.3	47.0	65.7	81.6	77.3	66.6	10	
D/W THUNDERSTORMS		8	8	1	1	1	1	1	1	1	1	1	8	9	57	
D/W FOG (VSBY LT 7 MI)		15	12	9	7	5	4	3	6	12	19	17	16	125	57	
LEGEND: ANN = ANNUAL																
D/W = MEAN NUMBER OF DAYS WITH																
* = BASED ON LESS THAN FULL MONTHS																
** = INSTANTANEOUS PEAK WINDS																
* = DATA NOT AVAILABLE																
FOR/TOR = PERIOD/YEARS OF RECORD																
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE																
8 = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE																
% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	26.7	23.0	12.7	9.4	5.6	9.4	6.3	3.7	8.6	17.8	25.8	27.4	14.7	10
	03 - 05	31.5	30.6	19.6	14.7	12.5	14.1	14.8	13.2	17.4	32.7	29.6	32.4	21.9	10
	06 - 08	32.7	32.5	22.3	24.0	17.7	20.8	24.1	23.2	25.9	42.0	33.6	36.0	27.9	10
	09 - 11	29.7	31.9	21.5	19.1	14.2	17.0	19.2	18.3	20.4	32.7	30.0	37.7	24.3	10
	12 - 14	23.6	23.2	13.1	11.1	5.1	6.0	6.2	5.4	8.1	12.6	21.7	29.2	13.8	10
	15 - 17	21.2	15.0	8.7	6.1	3.1	2.9	2.7	1.8	4.3	6.9	14.1	26.2	9.4	10
	18 - 20	20.5	15.4	8.7	6.0	4.0	3.9	2.2	1.0	3.6	7.5	12.7	26.4	9.3	10
	21 - 23	24.8	16.9	8.9	6.6	3.2	5.0	3.4	2.6	3.7	10.5	18.9	27.2	11.0	10
	ALL	26.4	23.6	14.4	12.1	8.2	9.9	9.9	8.6	11.5	20.3	23.3	30.3	16.5	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.2	13.2	4.7	3.3	.4	2.0	1.3	1.0	3.6	12.2	14.4	18.3	7.5	10
	03 - 05	19.2	17.6	7.6	7.2	2.5	5.1	4.1	5.4	11.1	25.9	16.6	21.9	12.0	10
	06 - 08	23.4	20.7	12.3	13.2	5.8	7.4	10.0	12.5	18.9	34.4	21.2	24.8	17.0	10
	09 - 11	20.9	20.8	7.1	6.4	1.7	3.2	3.5	4.7	10.9	24.4	16.1	25.4	12.1	10
	12 - 14	11.6	10.8	2.0	1.2	.3	.9	.3	1.0	2.0	5.4	8.2	17.0	5.1	10
	15 - 17	7.7	5.6	2.2	.8	.8	.4	.4	.3	1.8	1.7	4.4	14.1	3.3	10
	18 - 20	7.4	5.8	1.5	.7	.4	.9	.3	.5	.9	2.0	4.6	14.3	3.3	10
	21 - 23	11.9	7.2	2.2	1.1	.3	1.3	.5	.4	1.3	4.9	7.6	15.9	4.5	10
	ALL	14.7	12.7	4.9	4.2	1.5	2.7	2.6	3.2	6.3	13.9	11.6	19.0	8.1	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	11.1	7.4	2.3	2.0	.1	.9	.4	.5	2.3	8.8	10.0	13.5	4.9	10
	03 - 05	15.3	12.2	4.3	3.3	1.1	2.1	2.3	1.9	6.9	20.8	10.9	15.9	6.1	10
	06 - 08	18.1	16.0	8.7	8.0	2.8	3.0	4.9	7.1	12.2	28.3	12.9	18.3	11.7	10
	09 - 11	13.9	13.1	3.9	2.2	.3	.4	1.0	1.7	5.1	16.8	9.7	17.5	7.1	10
	12 - 14	5.9	4.5	.9	.2	.0	.0	.1	.2	.4	2.3	2.4	10.3	2.3	10
	15 - 17	4.4	1.3	.6	.0	.1	.1	.0	.2	.4	.1	.8	9.7	1.5	10
	18 - 20	3.8	1.5	.1	.1	.0	.2	.0	.2	.1	.6	1.9	9.4	1.5	10
	21 - 23	7.8	4.1	.6	.2	.3	.0	.0	.1	.2	2.7	5.7	12.2	2.8	10
	ALL	10.0	7.5	2.7	2.0	.6	.8	1.1	1.5	3.5	10.0	6.8	13.4	5.0	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	6.0	3.7	.6	.1	.0	.1	.0	.0	.4	3.8	4.0	2.8	1.8	10
	03 - 05	7.0	7.0	1.7	.9	.0	.4	.1	.1	.9	9.4	5.7	3.9	3.1	10
	06 - 08	8.0	7.9	4.8	1.4	.0	.1	.1	.0	1.1	11.6	5.3	4.5	3.7	10
	09 - 11	4.2	4.0	1.1	.0	.0	.0	.0	.0	.0	1.7	3.3	3.2	1.5	10
	12 - 14	.9	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	10
	15 - 17	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.1	10
	18 - 20	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	.3	10
	21 - 23	2.5	1.5	.1	.0	.0	.0	.0	.0	.0	.6	1.3	3.0	.7	10
	ALL	3.8	3.1	1.0	.3	.0	.1	.0	.0	.3	3.4	2.5	2.7	1.4	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : 8															

PREPARED BY USAPETAC FEBRUARY 1960				STATION NAME GTP PITTSBURGH IAP/PITTSBURGH PA LOCATION N43 30 W080 14				PERIOD JUN 53-MAY 79 B ELEV 1203				STN LTNS P17 WBAN NO 94823 WMO NO 72520				
AWS CLIMATIC BRIEF																
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				RELATIVE HUMIDITY (%)			
	MEAN				MONTHLY				MONTHLY				MEAN			
	DAILY				MAX				MAX				LST			
	MAX	MIN	NOH	THLY	MAX	MIN	MEAN	MAX	MIN	MAX	MIN	MAX	MAX	MIN	MAX	MIN
JAN	34	17	26	68	-18	2.8	6.3	1.1	1.2	13	40	12	74	68	16	17
FEB	37	21	29	69	-9	2.4	6.3	.5	2.3	11	24	10	70	62	10	18
MAR	48	29	39	80	-1	3.5	6.1	1.1	1.8	9	21	13	69	57	15	27
APR	61	46	51	87	15	3.3	7.6	.5	1.6	1	6	33	68	49	20	34
MAY	71	48	60	91	26	3.4	6.4	1.2	2.3	3	3	75	51	31	46	1450
JUN	79	57	68	96	34	3.3	5.1	.9	1.8	0	0	0	79	53	44	55
JUL	82	61	72	99	42	3.7	7.4	1.8	3.0	0	0	0	82	55	52	60
AUG	81	60	71	97	40	3.3	7.6	.8	3.1	0	0	0	81	57	52	60
SEP	75	54	64	97	31	2.9	5.4	.7	2.1	0	0	0	84	59	42	54
OCT	67	43	53	87	16	2.6	8.2	.2	3.6	0	2	2	86	58	27	62
NOV	50	34	42	82	-1	2.3	4.7	.9	1.4	4	11	10	77	64	19	33
DEC	38	24	32	72	-7	2.6	5.2	.4	1.5	9	21	9	73	67	12	23
ANN	60	41	51	99	-18	3.6	8.2	.2	3.6	0	40	13	76	58	24	59
EVR	26	26	26	26	26	26	26	26	26	26	26	26	16	10	10	10
REMARKS: RUSSWO POR: TROPICAL STORMS HOURLY OBS: JUN 69-MAY 79 (POR: 1900-1970, 1972-1977) 60 NH DAILY OBS: JUN 53-MAY 79 NUMBER OBSERVED WITHIN 120 NH 240 NH																
NOTE: * DATA NOT AVAILABLE = AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S % CALM GHTN % PLVE BRCHN % BASED ON < FULL MONTHS																
CAV FREQ (%)	00-02	46	39	25	16	14	17	17	15	19	17	30	43	25		
	03-05	48	40	29	21	23	29	30	27	32	25	33	45	32		
	06-08	52	41	36	26	29	38	44	36	46	32	41	50	41		
	09-11	53	41	37	26	25	29	39	38	34	31	43	50	37		
	12-14	54	44	33	20	17	19	22	24	23	23	36	50	30		
	15-17	48	37	27	18	13	12	16	12	14	17	31	47	24		
	18-20	41	34	24	14	11	13	16	10	11	16	27	40	21		
	21-23	40	33	23	13	11	12	11	9	11	15	28	48	21		
ALL HRS		48	39	29	19	18	21	24	24	24	22	34	46	29	10	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	28	20	11	9	10	14	12	12	18	12	17	23	15		
	03-05	29	20	15	12	14	26	25	23	27	19	20	25	22		
	06-08	33	26	24	17	24	35	42	33	43	27	26	29	32		
	09-11	38	26	23	14	19	18	28	29	26	22	28	32	25		
	12-14	33	22	17	9	9	8	20	12	10	13	20	28	16		
	15-17	28	20	11	9	7	6	10	7	7	10	17	28	13		
	18-20	24	18	11	9	6	8	12	8	7	9	15	22	12		
	21-23	23	19	12	7	7	9	8	7	8	10	17	21	11		
ALL HRS		30	21	16	11	12	16	18	19	18	15	20	26	19	10	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	17	12	8	6	7	9	6	7	9	9	10	17	10		
	03-05	18	12	10	8	12	17	14	15	17	13	11	17	14		
	06-08	19	14	13	10	15	19	25	32	26	18	18	19	19		
	09-11	21	16	12	8	8	9	11	12	15	15	17	20	14		
	12-14	18	13	8	4	5	4	5	4	5	7	12	18	9		
	15-17	16	13	5	5	4	3	3	2	3	6	10	17	7		
	18-20	14	14	6	4	4	4	3	2	3	7	9	15	7		
	21-23	16	12	7	4	5	4	3	3	6	7	10	16	8		
ALL HRS		17	13	9	6	8	9	9	10	11	10	12	17	11	10	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	1	0	0	1	1	0	1	1	1	1	2	2	1		
	03-05	1	2	1	1	2	3	3	3	3	3	4	2	2		
	06-08	2	1	1	0	2	3	4	5	6	4	5	3	3		
	09-11	2	2	1	0	0	0	0	0	1	1	3	2	1		
	12-14	2	1	0	0	3	0	0	0	0	0	1	1	0		
	15-17	1	1	0	0	0	0	0	0	0	0	0	1	0		
	18-20	2	2	0	0	0	0	0	0	0	0	1	1	1		
	21-23	2	0	0	0	0	0	0	0	1	1	1	1	1		
ALL HRS		2	1	0	0	1	1	1	1	2	1	2	2	1	10	

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GREATER PITTSBURGH IAP, PA
 LOCATION: 4030N 8013W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 725200
 ELEVATION (FEET): 1224
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: PTT
 LST = GMT-5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	69	73	82	86	90	96	102	98	92	82	77	74	102
MEAN DAILY MAX	1	34	38	50	61	70	78	82	80	73	61	51	39	60
MEAN	1	27	30	40	50	60	68	72	71	64	52	43	32	51
MEAN DAILY MIN	1	20	22	32	40	49	58	62	61	54	43	35	25	42
EXTREME MIN	1	-18	-11	0	12	24	36	44	40	34	22	0	-12	-18
# DAYS GE 90	1	0	0	0	0	#	1	4	2	#	0	0	0	7
# DAYS LE 32	1	27	22	17	7	#	0	0	0	0	3	12	24	112
# DAYS LE 0	1	2	1	#	0	0	0	0	0	0	0	#	1	4
2. PRECIPITATION (INCHES)														
MAXIMUM	2	6.3	6.0	6.1	7.6	6.4	5.1	7.4	7.6	5.4	8.2	4.7	5.2	*
MEAN	2	2.8	2.4	3.5	3.3	3.4	3.3	3.7	3.3	2.9	2.6	2.3	2.6	36.1
MINIMUM	2	1.1	0.5	1.1	0.5	1.2	0.9	1.8	0.8	0.7	0.2	0.9	0.4	*
MAX 24 HR	2	1.2	2.3	1.8	1.6	2.3	1.8	3.0	3.1	2.1	3.6	1.4	1.5	3.6
# DAYS W/PRECIP	1	23	20	20	17	17	15	12	12	12	15	18	23	204
# DAYS GE 0.5	2	1	1	2	2	2	2	3	2	2	1	1	1	20
3. SNOWFALL (INCHES)														
MEAN	2	13	11	9	1	#	0	0	#	0	#	4	9	47
MAXIMUM	2	40	24	21	6	3	0	0	#	0	2	11	21	*
MAX 24 HR	2	12	10	13	3	3	0	0	#	0	2	10	9	13
# DAYS GE 0.1	1	19	15	10	4	0	0	0	0	0	1	7	15	71
# DAYS GE 1.5	2	3	2	2	#	#	0	0	0	0	#	1	2	10
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	73	72	71	72	77	80	83	84	84	79	75	74	77
RH (15 LST)	1	62	58	51	46	50	50	53	55	54	53	58	63	54
VAPOR PRESS	1	.11	.13	.17	.22	.34	.46	.55	.55	.44	.28	.20	.14	.30
DEWPOINT	1	18	20	27	34	46	55	61	60	54	41	33	23	39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	W	W	W	W	W	W	\$W	\$W	\$W	W	W	W	W
MEAN SPEED														
(PVLG DRCIN)	1	12	11	11	11	9	8	7	7	8	9	10	11	10
MEAN SPEED														
(ALL OBS)	1	9	9	9	9	7	7	6	6	6	7	8	9	8
MAX PEAK GUST	2	54	68	78	64	52	62	70	77	62	67	62	54	78
PRESSURE ALT	2	1950	1900	1900	1850	1650	1600	1500	1400	1500	1600	1750	1900	1950
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	5	5	5	5	5	5	5	6	6	5
DAYS TSTMS	1	#	1	2	3	7	9	8	7	4	1	1	#	44
DAYS FOG LT 7	1	12	11	12	11	15	16	19	22	20	15	12	14	178
DAYS BNBD LT 7	1	0	0	#	#	0	0	0	0	0	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(GREATER PITTSBURGH IAP, PA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, FEB 80, PERIOD OF RECORD RANGING FROM 10-26 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	46	40	27	21	19	17	20	23	21	22	33	45	28
03-05 LST	50	42	31	23	27	26	32	36	31	27	34	47	34
06-08 LST	52	46	38	31	35	36	43	53	45	36	41	48	42
09-11 LST	54	48	41	30	32	29	34	39	36	34	43	49	39
12-14 LST	54	48	35	27	26	23	26	31	26	29	39	52	35
15-17 LST	48	41	31	22	19	15	18	18	16	23	33	47	28
18-20 LST	43	38	26	19	16	13	15	15	12	20	30	44	24
21-23 LST	42	36	24	19	15	12	14	14	13	19	29	45	24
ALL HOURS	49	42	31	24	24	21	25	29	25	26	35	47	32

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	21	15	12	14	14	17	20	16	13	19	24	18
03-05 LST	29	24	18	15	21	22	28	33	26	19	19	26	23
06-08 LST	31	29	25	21	28	32	40	49	38	27	24	26	31
09-11 LST	37	32	24	16	20	18	26	30	26	22	24	29	25
12-14 LST	31	24	18	12	13	10	13	17	11	13	18	28	17
15-17 LST	27	22	13	10	10	7	11	11	8	10	16	25	14
18-20 LST	23	19	11	10	10	8	12	12	7	9	14	22	13
21-23 LST	24	19	12	10	10	7	11	12	8	11	16	23	14
ALL HOURS	29	24	17	13	16	15	20	23	17	15	19	26	19

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	14	11	8	9	8	9	11	9	10	12	17	11
03-05 LST	19	16	12	11	15	15	15	20	16	14	12	17	15
06-08 LST	21	19	18	13	19	20	27	35	27	20	16	18	21
09-11 LST	25	21	16	10	12	8	13	18	15	15	17	21	16
12-14 LST	21	18	11	7	8	4	5	7	5	9	13	18	10
15-17 LST	19	16	9	7	6	3	4	4	3	6	10	18	9
18-20 LST	15	15	7	7	6	4	5	4	3	6	9	15	8
21-23 LST	16	14	8	6	6	4	4	5	4	7	9	16	8
ALL HOURS	19	17	12	9	10	8	10	13	10	11	12	18	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	2	2	1	1	1	3	1	3	3	4	2
03-05 LST	4	3	2	2	2	3	3	4	4	4	4	4	3
06-08 LST	4	3	3	2	3	2	3	7	7	6	4	3	4
09-11 LST	3	3	1	1	#	#	1	1	2	3	3	3	2
12-14 LST	3	2	1	0	#	#	#	#	#	#	1	3	1
15-17 LST	2	1	1	#	#	0	0	#	#	#	2	3	1
18-20 LST	2	2	1	#	#	#	#	#	#	1	1	3	1
21-23 LST	2	2	1	1	1	#	1	1	#	1	2	3	1
ALL HOURS	3	3	2	1	1	1	1	2	2	2	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GREATER PITTSBURGH IAP, PA
 LOCATION: 4030N 8013W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 725200
 ELEVATION (FEET): 1224
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: PIT
 LST = GMT-5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	#	1	2	2	1	1	#	#	#	1
03-05 LST	0	#	1	#	1	1	1	1	1	#	#	0	#
06-08 LST	#	#	#	#	1	1	1	#	1	#	#	#	#
09-11 LST	0	0	#	#	1	1	#	#	#	#	#	0	#
12-14 LST	0	0	#	0	1	1	2	1	1	#	0	#	1
15-17 LST	#	#	1	1	2	3	2	2	1	#	#	0	1
18-20 LST	0	#	1	1	3	4	3	2	1	1	#	#	1
21-23 LST	0	#	1	1	2	4	3	2	1	#	#	0	1
ALL HOURS	#	#	#	1	1	2	2	1	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	10	11	12	13	8	5	5	8	10	12	11	10
03-05 LST	8	11	13	11	13	7	6	6	8	10	11	12	10
06-08 LST	9	11	12	11	13	7	6	7	8	12	13	11	10
09-11 LST	8	9	10	11	12	6	6	5	8	11	14	11	9
12-14 LST	7	10	8	13	13	6	6	7	7	10	11	10	9
15-17 LST	8	9	9	13	13	8	6	6	7	10	14	12	9
18-20 LST	9	9	10	14	15	8	7	5	6	11	13	13	10
21-23 LST	7	9	11	13	14	8	6	5	7	10	11	11	10
ALL HOURS	8	10	11	12	13	7	6	6	7	11	12	11	10

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	21	11	4	#	0	#	0	0	1	7	21	8
03-05 LST	29	24	12	5	#	0	0	0	#	1	8	21	8
06-08 LST	30	22	14	6	#	#	0	#	0	1	9	22	9
09-11 LST	31	23	13	5	0	0	0	0	0	#	7	20	8
12-14 LST	27	21	13	5	0	0	0	#	0	1	7	19	8
15-17 LST	23	18	10	3	#	0	0	0	0	#	6	17	7
18-20 LST	23	17	8	3	#	#	0	#	0	1	7	15	6
21-23 LST	24	19	9	5	#	0	0	0	0	1	6	18	7
ALL HOURS	27	21	11	4	#	#	#	#	#	1	7	19	8

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	1	#	#	#	#	#	#	1	3	1
03-05 LST	3	2	2	1	#	#	0	0	0	#	1	2	1
06-08 LST	3	1	1	2	#	#	0	0	0	#	1	2	1
09-11 LST	5	2	3	4	1	1	#	#	#	1	2	3	2
12-14 LST	7	4	7	8	2	1	1	#	1	2	4	5	4
15-17 LST	6	4	8	7	2	1	#	#	1	2	3	3	3
18-20 LST	4	2	4	3	1	#	#	#	#	#	1	3	1
21-23 LST	4	3	2	2	1	#	0	#	#	#	1	3	1
ALL HOURS	4	2	4	4	1	#	#	#	#	1	2	3	2

(GREATER PITTSBURGH IAP, PA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, FEB 80, PERIOD OF RECORD RANGING FROM 10-26 YRS.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	12	10	7	8	7	8	10	8	9	10	15	10
03-05 LST	17	14	11	9	14	15	14	19	14	13	10	15	14
06-08 LST	18	16	16	11	17	18	26	34	25	18	15	15	19
09-11 LST	23	19	14	8	10	7	11	16	14	14	15	19	14
12-14 LST	19	15	9	6	6	3	5	5	4	7	11	16	9
15-17 LST	17	14	8	6	5	3	3	4	3	5	9	16	8
18-20 LST	13	14	6	5	6	3	4	4	2	5	7	13	7
21-23 LST	14	12	7	6	6	4	4	5	4	6	8	14	7
ALL HOURS	17	15	10	7	9	7	9	12	9	10	11	15	11

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	6	4	5	4	5	6	4	7	7	10	6
03-05 LST	11	10	7	6	8	9	9	11	10	9	7	10	9
06-08 LST	10	10	9	7	10	10	15	23	18	13	10	10	12
09-11 LST	13	10	7	4	5	3	5	9	8	8	10	11	8
12-14 LST	12	8	5	2	3	2	2	3	2	4	6	10	5
15-17 LST	9	8	4	2	3	1	2	2	1	3	5	10	4
18-20 LST	7	8	4	2	3	2	3	1	1	3	4	9	4
21-23 LST	8	7	4	3	3	2	2	2	2	4	5	9	4
ALL HOURS	10	9	6	4	5	4	5	7	6	6	7	10	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	3	3	2	2	3	4	2	4	4	6	4
03-05 LST	6	7	5	4	4	5	5	7	6	6	5	6	5
06-08 LST	7	7	6	4	6	5	8	15	12	8	6	6	7
09-11 LST	8	6	4	2	3	1	2	4	4	5	6	6	4
12-14 LST	8	6	3	1	1	#	1	1	1	1	3	6	3
15-17 LST	6	5	3	1	1	#	1	1	1	1	3	6	2
18-20 LST	5	5	2	1	1	1	1	1	#	1	2	6	2
21-23 LST	5	4	2	2	1	1	1	1	1	2	3	6	2
ALL HOURS	6	6	4	2	2	2	3	4	3	4	4	6	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	1	1	1	1	1	2	2	2	1
03-05 LST	1	1	1	1	1	1	2	3	2	3	2	2	2
06-08 LST	1	2	1	1	2	1	2	5	5	4	2	2	2
09-11 LST	1	1	#	#	#	0	#	1	1	1	1	1	1
12-14 LST	1	1	#	#	0	0	0	0	#	0	#	1	#
15-17 LST	1	#	#	0	0	0	0	#	0	0	1	1	#
18-20 LST	1	1	#	#	#	0	0	#	#	#	1	1	#
21-23 LST	1	1	#	#	#	#	#	#	#	1	1	1	#
ALL HOURS	1	1	1	#	#	#	1	1	1	1	1	2	1

A W S (LIMITED) CLIMATIC BRIEF OCT 92	STATION NAME: MUIR AAF/INDIANTOWN GAP PA												FIELD ELEV: 488 FT		
	LATITUDE/LONGITUDE: 40 26 N 076 34 W												STATION MSC: 725144		
	HOURLY OBS POR: JUL 82 - JUN 92												CALL SIGN: KMUI		
	SUMMARY OF DAY POR: AUG 78-JUL 92 (PART TIME)												SUPERSEDES: OCT 89		
HOURS SUMMARIZED: 0000, 0700 - 2300 LST															
LST TO UTC: +05															
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
Q EXTRM MAX TEMP (F)	74	77	88	92	98	103	107	106	103	96	82	72	107	58	
Q MEAN MAX TEMP (F)	38	40	50	62	73	81	87	84	76	64	53	41	62	58	
Q MEAN TEMP (F)	30	32	40	51	62	70	76	73	65	54	43	33	52	58	
Q MEAN MIN TEMP (F)	22	22	29	39	50	59	64	61	54	43	33	24	42	58	
Q EXTRM MIN TEMP (F)	-23	-12	-2	19	29	38	46	42	28	21	8	-11	-23	58	
D/W TEMP GE 90 (F)	0	0	0	1	2	5	11	6	1	0	0	0	26	12	
D/W TEMP GE 80 (F)	0	0	1	2	9	18	26	24	9	1	#	0	90	12	
D/W TEMP LT 33 (F)	25	19	11	2	0	0	0	0	0	1	5	19	82	12	
D/W TEMP LT 10 (F)	3	1	#	0	0	0	0	0	0	0	0	1	5	12	
HEATING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
COOLING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MEAN DEWPOINT TEMP (F)	22	25	31	40	51	59	64	64	57	46	35	26	44	10	
MEAN WET BULB TEMP (F)	28	31	38	47	57	64	69	68	61	51	41	32	50	10	
99.95% WCPA (FT)	1250	1200	1250	1150	1000	900	800	800	850	950	1050	1100	1050	10	
MEAN REL HUM 07 LST(%)	75.1	74.0	72.5	72.1	75.7	75.2	77.1	82.6	84.0	81.7	78.2	75.0	77.6	10	
MEAN REL HUM 13 LST(%)	64.7	62.8	59.8	58.1	58.3	54.2	56.0	61.2	61.5	60.0	61.6	66.2	60.3	10	
Q MAX 24HR PRECIP (IN)	2.88	2.16	2.14	3.25	3.12	7.16	4.00	5.72	5.00	3.87	5.11	2.84	5.72	58	
Q MAX PRECIP (IN)	9.93	7.40	6.67	10.73	11.01	16.16	10.19	12.44	14.97	9.87	7.20	7.57	57.95	58	
Q MEAN PRECIP (IN)	3.04	2.85	3.36	3.94	4.26	4.09	3.98	3.80	3.64	3.16	3.65	3.23	42.64	58	
Q MIN PRECIP (IN)	.43	.53	1.02	.45	.51	.07	.78	.93	.65	.04	.79	.23	28.98	42	
D/W PRECIP GE .01 (IN)	12	10	11	13	13	11	12	11	9	10	11	11	134	15	
D/W PRECIP GT .50 (IN)	2	2	3	4	4	3	3	3	2	3	3	2	34	15	
Q MAX 24HR SNFL (IN)	14.0	24.0	10.5	8.5	#	0	0	0	0	1.2	10.0	10.2	24.0	58	
Q MAX SNFL (IN)	34.0	30.2	22.6	10.7	#	0	0	0	0	1.2	15.4	28.3	81.7	58	
Q MEAN SNFL (IN)	8.2	8.2	4.9	.8	#	0	0	0	0	#	1.6	4.9	28.6	58	
D/W SNFL GE .1 (IN)	6	3	2	1	0	0	0	0	0	0	1	3	16	15	
D/W SNFL GE 1.5 (IN)	2	1	1	1	0	0	0	0	0	0	1	1	7	15	
Q MAX DLY SNO DEPTH (IN)	14	24	10	8	#	0	0	0	0	1	10	10	24	58	
PRVLNG WND DIR (DEG)	\$26-28	\$29-31	\$29-31	\$29-31	\$29-31	\$29-31	\$29-31	\$29-31	\$26-28	\$26-28	\$26-28	\$26-28	\$29-31	10	
MEAN WND SPD (KTS)	5	6	6	6	5	4	4	3	3	4	5	5	5	10	
Q MAX WND SPD (KTS)	48	45	50	38	43	53	40	48	48	41	62	47	62	17	
SKY COVER GT 5/10 (%)	65.1	66.0	62.2	64.6	65.7	59.8	59.2	57.4	56.9	54.5	66.0	70.0	62.1	10	
Q D/W THUNDERSTORMS	#	1	1	2	5	6	7	5	3	1	1	#	32	42	
D/W FOG (VSBY LT 7 MI)	11	10	10	10	13	12	15	17	16	13	11	11	149	15	
LEGEND: ANN = ANNUAL															
D/W = MEAN NUMBER OF DAYS WITH															
& = BASED ON LESS THAN FULL MONTHS															
** = INSTANTANEOUS PEAK WINDS															
* = DATA NOT AVAILABLE															
POR/YOR = PERIOD/YEARS OF RECORD															
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE															
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE															
\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	7.8	16.7	8.9	14.3	*	*	*	*	*	18.5	21.2	17.7	8.3	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	21.0	25.3	25.8	23.1	29.4	23.1	28.2	32.5	35.2	31.4	24.8	20.3	26.7	10
	09 - 11	19.8	24.9	22.7	21.5	21.8	14.5	18.7	21.0	24.5	22.6	23.3	21.0	21.4	10
	12 - 14	19.2	22.6	20.0	19.2	15.5	10.0	11.3	10.2	16.2	15.9	21.2	19.7	16.7	10
	15 - 17	16.4	22.0	17.7	15.1	14.6	8.5	9.8	7.9	12.9	14.2	18.4	20.9	14.9	10
	18 - 20	13.0	19.5	17.2	15.3	14.2	9.3	10.6	11.2	12.5	12.6	18.8	22.0	14.7	10
	21 - 23	9.9	18.4	15.2	13.0	14.2	10.7	13.4	13.0	16.4	13.6	19.1	17.3	14.5	10
	ALL	16.6	22.1	19.3	18.0	18.3	12.6	15.3	15.8	19.7	18.4	20.8	20.3	18.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	5.6	13.3	7.9	9.1	*	*	*	*	*	12.5	18.7	14.5	6.5	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	16.5	20.8	20.6	16.3	24.0	20.9	25.5	28.6	30.7	27.1	20.5	15.7	22.3	10
	09 - 11	16.5	20.4	18.0	13.2	15.9	10.7	14.4	15.1	17.0	17.5	18.5	14.9	16.0	10
	12 - 14	15.6	17.5	14.3	10.4	10.3	5.4	6.7	6.1	8.1	9.8	13.7	15.6	11.1	10
	15 - 17	13.7	15.3	13.8	9.6	9.2	5.5	6.4	5.7	5.7	9.1	12.4	15.6	10.2	10
	18 - 20	9.9	15.1	10.8	8.8	11.1	6.4	8.9	9.9	6.7	9.2	10.8	17.7	10.4	10
	21 - 23	7.3	14.2	9.7	6.5	10.7	7.1	12.2	10.7	12.4	10.7	11.9	11.1	10.4	10
	ALL	13.4	17.1	14.3	10.8	13.4	9.1	12.0	12.3	13.2	13.7	14.5	15.2	13.2	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	4.4	11.1	5.9	6.1	*	*	*	*	*	6.2	13.7	11.3	4.9	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	13.5	16.3	17.4	13.1	16.9	11.7	16.5	18.5	20.8	20.6	15.5	11.9	16.1	10
	09 - 11	13.4	15.6	14.0	9.8	7.8	6.0	7.6	6.8	10.6	11.5	13.6	12.4	10.8	10
	12 - 14	10.6	13.4	9.6	6.4	5.2	3.9	4.0	2.5	2.4	5.3	9.9	12.3	7.1	10
	15 - 17	9.8	11.5	7.3	5.7	4.5	4.4	1.5	2.4	2.0	4.6	8.5	11.1	6.1	10
	18 - 20	8.0	11.2	5.7	6.4	5.9	4.5	3.9	2.8	3.4	5.0	8.8	12.9	6.5	10
	21 - 23	6.4	11.3	5.1	4.5	4.9	4.4	5.1	2.7	7.6	7.4	8.8	8.8	6.4	10
	ALL	10.3	13.1	9.5	7.5	7.4	5.7	6.3	5.8	7.5	8.8	10.7	11.8	8.6	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.1	1.1	.0	.0	*	*	*	*	*	6.2	1.2	3.2	1.1	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	3.0	4.9	2.1	2.1	.9	.6	1.8	.7	5.6	7.0	4.7	3.1	3.0	10
	09 - 11	2.2	1.9	.2	.7	.0	.0	.0	.2	.6	1.2	3.0	2.6	1.0	10
	12 - 14	2.0	1.6	.1	.0	.0	.0	.1	.0	.0	.0	.0	2.1	.5	10
	15 - 17	1.3	2.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.6	.4	10
	18 - 20	1.1	1.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	1.5	.3	10
	21 - 23	1.4	.7	.0	.0	.4	.0	.0	.2	.7	1.0	1.4	2.6	.7	10
	ALL	1.8	1.8	.3	.4	.2	.1	.3	.2	1.0	1.4	1.3	2.0	.9	10
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986:															
HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/6	0/2	0/0	0/0	0/0	0/8		
120NM	0/0	0/0	0/0	0/0	0/0	0/1	0/2	0/8	1/6	1/0	0/0	0/0	2/17		
240NM	0/0	0/0	0/0	0/0	0/0	0/5	2/4	9/12	10/10	1/0	0/1	0/0	22/32		
REMARKS : a SUMMARY OF DAY DATA (SOD) WERE SUPPLEMENTED FROM THE FOLLOWING SOURCES:															
1. CLIMATOGRAPHY OF THE UNITED STATES (20-36, DEC 89) FOR LEBANON PA, SOD POR JAN 31-DEC 68.															
2. SOD DATA FOR HARRISBURG PA, POR JAN 48, SOD POR 30+ YRS.															
3. LOCAL CLIMATOLOGICAL DATA (MAR 88) FOR HARRISBURG PA, SOD POR 30+ YRS. *****															
NOTE: JAN EXTRM MIN TEMP RECORDED 14 JAN 1912 (LEBANON PA).															
AUG EXTRM MAX TEMP RECORDED 14 AUG 1918 (LEBANON PA). *****															
* NIGHTTIME OBSERVATIONS ARE *															
* EXTREMELY LIMITED IN COUNT *															

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WILLOW GROVE ARF, PA
 LOCATION: 4012N 7509W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 724086
 ELEVATION (FEET): 361
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: NXX
 LST = GMT-5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	67	76	84	94	95	98	101	99	95	84	80	74	101
MEAN DAILY MAX	1	38	41	52	62	72	81	84	82	76	64	55	43	63
MEAN	1	30	33	42	52	62	71	75	74	66	55	46	35	53
MEAN DAILY MIN	1	23	25	33	42	52	61	66	65	57	46	38	28	45
EXTREME MIN	1	-8	-7	5	9	29	40	49	43	38	26	13	-1	-8
# DAYS GE 90	1	0	0	0	#	1	3	7	4	1	0	0	0	17
# DAYS LE 32	1	24	21	13	4	#	0	0	0	0	3	8	20	93
# DAYS LE 0	1	1	1	0	0	0	0	0	0	0	0	0	#	2
2. PRECIPITATION (INCHES)														
MAXIMUM	2	13.7	6.8	8.4	9.7	9.5	8.8	13.8	14.0	9.2	7.0	10.8	8.4	69.0
MEAN	2	3.4	2.8	4.1	3.9	4.7	3.6	4.5	4.4	3.8	3.2	3.8	3.7	45.9
MINIMUM	2	0.6	0.6	1.6	0.7	1.4	0.7	1.0	1.1	1.4	0.5	0.5	0.3	30.6
MAX 24 HR	2	3.1	1.9	2.4	2.3	2.8	5.6	3.7	4.2	3.2	5.2	4.1	3.0	5.6
# DAYS W/PRECIP	1	15	13	15	15	16	14	12	13	11	12	13	14	163
# DAYS GE 0.5	2	2	2	3	3	3	2	3	3	2	2	3	2	30
3. SNOWFALL (INCHES)														
MEAN	2	8	7	4	1	#	#	0	0	0	#	1	4	24
MAXIMUM	2	23	28	20	7	#	#	0	0	0	2	8	30	61
MAX 24 HR	2	16	16	11	5	#	#	0	0	0	2	8	12	16
# DAYS W/SNOW	1	9	7	5	1	0	0	0	0	0	#	2	6	30
# DAYS GE 1.5	2	2	2	1	#	0	0	0	0	0	#	#	1	6
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	70	70	69	71	77	79	83	86	85	81	75	71	76
RH (15 LST)	1	59	54	50	46	50	50	51	54	54	53	54	57	53
VAPOR PRESS	1	.13	.13	.18	.24	.37	.50	.60	.61	.48	.32	.23	.15	.33
DEWPOINT	1	20	21	28	36	48	57	63	63	56	44	35	24	41
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	W	\$WNW	\$NW	\$W	\$W	\$W	\$W	\$W	\$W	\$W	\$W	\$WNW	\$W
MEAN SPEED														
(PVLG DRCIN)	1	7	7	9	6	5	5	5	4	4	5	5	7	6
MEAN SPEED														
(ALL OBS)	1	6	6	7	6	5	4	4	4	4	4	5	5	5
MAX PEAK GUST	1	55	44	45	45	40	47	49	49	52	40	44	42	55
PRESSURE ALT		****	****	****	****	****	****	****	****	****	****	****	****	****
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	5	4	4	4	4	4	4	4	4
DAYS TSIMS	1	#	#	1	3	5	7	8	7	3	1	1	#	36
DAYS FOG LT 7	1	14	13	13	12	17	17	21	23	20	18	14	14	195
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(WILLOW GROVE ARF, PA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE, OCT 89, THIRTY-TWO
YEAR PERIOD OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	25	24	23	28	28	30	33	29	25	26	26	27
03-05 LST	27	26	26	26	36	37	41	45	37	30	29	28	32
06-08 LST	29	28	29	28	35	34	38	46	43	34	32	29	34
09-11 LST	29	27	27	27	31	28	28	32	31	28	30	28	29
12-14 LST	27	27	29	26	32	28	27	27	30	26	28	27	28
15-17 LST	28	25	26	24	27	24	20	24	24	21	25	25	24
18-20 LST	26	25	23	21	25	20	20	24	21	18	22	24	22
21-23 LST	25	25	23	20	25	23	22	26	23	21	23	23	23
ALL HOURS	27	26	26	24	30	28	28	32	30	25	27	26	28

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	19	17	18	23	24	25	29	24	21	20	18	21
03-05 LST	20	21	18	20	31	32	37	40	32	26	23	19	27
06-08 LST	21	23	23	21	31	31	36	43	39	29	25	21	29
09-11 LST	22	20	19	19	22	19	21	24	23	20	21	20	21
12-14 LST	19	18	18	15	17	16	13	16	15	13	16	18	16
15-17 LST	18	16	16	13	16	13	11	16	12	12	15	17	14
18-20 LST	18	18	15	14	16	13	14	19	14	12	14	17	15
21-23 LST	18	19	16	15	18	18	18	21	17	16	16	17	18
ALL HOURS	20	19	18	17	22	21	22	26	22	19	19	19	20

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	16	13	14	18	16	15	16	16	15	15	14	15
03-05 LST	16	17	14	15	24	23	25	28	23	18	18	15	20
06-08 LST	17	18	17	17	24	21	24	29	27	22	19	17	21
09-11 LST	17	15	15	13	15	11	10	11	14	13	14	15	14
12-14 LST	16	14	14	10	11	8	5	5	7	7	10	13	10
15-17 LST	15	13	13	9	10	6	5	5	6	7	10	14	9
18-20 LST	16	14	13	11	11	7	6	8	9	8	11	14	10
21-23 LST	15	15	12	12	13	11	9	10	11	11	12	13	12
ALL HOURS	16	15	14	12	16	13	12	14	14	13	14	14	14

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	7	5	4	5	3	2	3	2	5	5	6	4
03-05 LST	5	7	5	5	8	6	6	5	6	7	6	6	6
06-08 LST	5	7	5	4	7	5	3	4	6	7	6	5	5
09-11 LST	5	5	4	2	1	#	#	1	1	2	3	3	2
12-14 LST	5	3	2	1	#	#	0	#	#	1	2	3	2
15-17 LST	4	4	3	1	#	#	#	#	#	1	2	4	2
18-20 LST	5	5	4	3	1	1	#	1	1	2	2	4	2
21-23 LST	5	6	4	4	2	1	1	1	2	3	3	5	3
ALL HOURS	5	5	4	3	3	2	2	2	2	3	4	4	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WILLOW GROVE ARF, PA
 LOCATION: 4012N 7509W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 724086
 ELEVATION (FEET): 361
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: NXX
 LST = GMT-5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	1	1	2	2	2	1	#	#	#	1
03-05 LST	0	#	#	#	#	1	1	1	1	#	#	#	#
06-08 LST	0	0	#	#	#	1	1	1	0	#	#	0	#
09-11 LST	0	0	#	#	1	#	1	#	#	#	#	0	#
12-14 LST	#	#	#	#	1	2	2	1	#	#	#	0	1
15-17 LST	#	0	#	0	2	3	4	3	1	#	#	#	1
18-20 LST	#	#	#	2	2	4	4	5	1	#	#	#	2
21-23 LST	#	#	1	1	2	4	3	3	2	1	#	#	1
ALL HOURS	#	#	#	1	1	2	2	2	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	10	12	12	7	6	6	8	10	12	9	9
03-05 LST	8	9	11	12	13	7	6	6	9	9	11	9	9
06-08 LST	8	9	11	13	13	9	6	6	8	8	10	9	9
09-11 LST	8	8	11	12	12	7	6	5	7	9	10	9	9
12-14 LST	9	10	12	12	12	6	5	6	6	8	8	10	9
15-17 LST	8	9	11	12	14	7	7	7	7	8	9	10	9
18-20 LST	8	8	11	13	14	9	6	8	9	9	11	10	10
21-23 LST	8	8	11	14	13	9	7	7	9	9	10	8	9
ALL HOURS	8	9	11	12	13	8	6	6	8	9	10	9	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	6	2	1	0	0	0	0	0	0	#	4	2
03-05 LST	7	6	2	1	0	0	0	0	0	#	1	3	2
06-08 LST	6	6	3	1	0	0	0	0	0	#	1	3	2
09-11 LST	7	6	4	1	#	0	0	0	0	#	1	3	2
12-14 LST	8	5	3	1	0	#	0	0	0	#	1	3	2
15-17 LST	6	5	3	1	0	0	0	0	0	#	#	3	1
18-20 LST	6	6	3	#	0	0	0	0	0	0	1	3	2
21-23 LST	6	7	2	1	0	0	0	0	0	0	1	4	2
ALL HOURS	7	6	3	1	#	#	0	0	0	#	1	3	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	2	1	0	0	#	#	#	1	1	1
03-05 LST	2	2	1	1	#	0	0	0	#	#	1	2	1
06-08 LST	2	2	2	2	#	#	#	0	#	1	1	1	1
09-11 LST	3	3	5	4	1	#	#	0	1	2	2	3	2
12-14 LST	5	5	7	5	2	1	#	#	1	2	2	4	3
15-17 LST	3	3	6	4	2	1	#	#	#	1	1	3	2
18-20 LST	2	1	3	2	1	#	#	#	#	#	1	2	1
21-23 LST	2	1	2	2	1	#	#	#	#	#	1	1	1
ALL HOURS	2	2	4	3	1	#	#	#	#	1	1	2	1

(WILLOW GROVE ARF, PA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE, OCT 89, THIRTY-TWO YEAR PERIOD OF RECORD.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	15	12	12	17	15	14	15	15	14	13	13	14
03-05 LST	14	16	13	14	22	23	25	26	22	18	16	14	19
06-08 LST	15	17	16	15	22	19	23	27	25	21	17	15	19
09-11 LST	15	14	13	11	13	10	8	9	10	11	13	14	12
12-14 LST	14	13	11	8	8	6	4	4	4	6	9	12	8
15-17 LST	14	11	11	7	8	5	4	4	5	6	9	12	8
18-20 LST	14	13	11	9	10	6	6	6	8	7	9	12	9
21-23 LST	13	14	11	10	11	10	8	9	9	9	11	12	11
ALL HOURS	14	14	12	11	14	12	11	13	12	11	12	13	13

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	12	10	9	12	12	8	10	11	10	10	10	10
03-05 LST	11	12	10	11	17	17	16	18	17	14	12	11	14
06-08 LST	12	13	12	11	17	14	15	17	18	16	13	12	14
09-11 LST	12	12	10	7	9	6	4	4	6	8	9	10	8
12-14 LST	11	10	8	5	6	3	2	2	2	4	7	10	6
15-17 LST	10	8	8	5	5	3	2	2	4	4	6	10	6
18-20 LST	11	10	8	7	6	4	3	3	5	5	6	10	7
21-23 LST	11	11	9	8	8	7	5	6	6	7	8	10	8
ALL HOURS	11	11	10	8	10	8	7	8	9	9	9	10	9

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	9	7	6	8	8	5	7	7	8	7	9	7
03-05 LST	9	10	8	8	13	12	11	13	12	11	9	8	10
06-08 LST	9	10	9	7	12	10	9	11	12	13	9	8	10
09-11 LST	10	8	6	4	4	3	2	2	3	5	6	7	5
12-14 LST	8	7	5	3	2	1	0	1	1	2	4	6	3
15-17 LST	7	7	5	3	2	1	1	1	2	2	4	7	3
18-20 LST	9	8	6	5	3	2	1	2	3	3	5	7	5
21-23 LST	8	9	6	6	5	3	3	3	4	5	6	8	5
ALL HOURS	9	9	6	5	6	5	4	5	5	6	6	8	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	5	3	2	3	2	1	1	1	3	3	4	3
03-05 LST	3	6	3	3	5	4	3	3	3	5	4	3	4
06-08 LST	3	4	3	2	4	3	1	2	4	5	4	4	3
09-11 LST	2	3	2	#	1	0	#	#	#	1	2	2	1
12-14 LST	3	2	1	#	#	0	0	0	0	#	1	1	1
15-17 LST	2	2	1	#	#	#	0	0	#	#	1	2	1
18-20 LST	3	3	2	1	#	#	#	#	#	1	1	2	1
21-23 LST	2	3	2	1	1	0	1	#	1	2	2	3	2
ALL HOURS	3	4	2	1	2	1	1	1	1	2	2	3	2

A W S | STATION NAME: MCENTIRE ANGB SC | FIELD ELEV: 252 FT
 | LATITUDE/LONGITUDE: 33 55 N 80 48 W | STATION MSC: 723105
 CLIMATIC BRIEF | HOURLY OBS POR: JAN 79 - DEC 88 | CALL SIGN: KMMT
 (LIMITED) | SUMMARY OF DAY POR: OCT 62 - DEC 74 (FULL TIME), JAN 75 - DEC 88 (PART TIME)
 | HOURS SUMMARIZED: 00 - 23 LST (FEB 59 - DEC 74), 05 - 23 LST (JAN 75 - DEC 88) | SUPERCEDES: APR 82
 OCT 89 | LST TO UTC: +05

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	84	81	89	94	95	102	106	105	98	97	84	81	106	47
MEAN MAX TEMP (F)	53.1	56.6	66.1	74.4	82.6	86.4	89.1	87.8	82.8	74.4	65.9	57.4	72.9	26
MEAN TEMP (F)	44.0	46.8	55.8	63.8	70.7	77.2	80.5	79.3	74.1	63.9	55.4	47.7	63.3	26
MEAN MIN TEMP (F)	34.4	36.5	45.0	52.8	60.4	67.5	71.4	70.4	64.8	52.9	44.4	37.5	53.2	26
@ EXTRM MIN TEMP (F)	3	12	13	29	39	49	57	53	37	28	19	8	3	47
D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	1	0	0	0	0	3	26
@ D/W TEMP GE 90 (F)	0	0	#	1	4	12	16	14	6	1	0	0	54	47
D/W TEMP LT 33 (F)	14	10	3	1	0	0	0	0	0	1	4	11	44	25
D/W TEMP LT 20 (F)	2	1	#	0	0	0	0	0	0	0	#	1	4	26
@ HEATING DEGREE DAYS	588	451	304	98	13	#		#	6	89	285	527	2361	47
@ COOLING DEGREE DAYS	2	3	22	90	245	410	498	467	305	91	18	4	2155	47
MEAN DEWPOINT TEMP (F)	27.6	32.4	39.4	45.1	56.3	64.2	68.6	68.1	62.3	51.0	43.2	34.3	49.8	10
MEAN WET BULB TEMP (F)	38.1	42.6	49.2	55.2	63.3	69.7	73.2	72.5	67.4	57.9	51.3	43.4	57.3	10
99.95% WCPA (FT)	750	800	900	800	600	550	450	450	550	550	650	650	700	10
MEAN REL HUM 07 LST(%)	69.2	70.8	73.1	71.3	78.2	79.2	81.3	83.3	81.7	79.0	76.1	73.2	77.5	10
MEAN REL HUM 13 LST(%)	46.9	47.5	45.4	42.6	47.5	51.5	53.4	54.8	53.7	48.5	46.8	47.3	49.0	10
@ MAX 24HR PRECIP (IN)	2.84	2.76	4.32	3.31	4.90	4.20	3.97	4.91	4.74	3.71	3.10	2.51	4.91	47
MAX PRECIP (IN)	8.74	8.58	11.51	6.71	10.50	12.00	12.50	13.21	8.80	8.28	6.10	7.36	66.36	26
MEAN PRECIP (IN)	4.50	3.96	4.76	3.17	3.89	5.09	5.54	5.13	3.58	2.49	2.89	3.99	50.76	26
MIN PRECIP (IN)	.00	1.03	.64	.43	.73	1.51	.33	1.99	.27	.01	.30	.60	37.02	26
D/W PRECIP GE .01 (IN)	11	10	10	8	11	10	12	11	8	6	7	9	113	26
D/W PRECIP GT .50 (IN)	3	3	3	2	3	3	4	2	2	2	2	3	33	26
MAX 24HR SNFL (IN)	2.3	10.6	4.0	0	0	0	0	0	0	0	#	1.7	10.6	26
MAX SNFL (IN)	2.6	15.0	4.0	0	0	0	0	0	0	0	#	1.9	16.9	26
MEAN SNFL (IN)	.3	1.2	.4	0	0	0	0	0	0	0	#	.1	2.2	26
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	26
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	26
MAX DLY SNO DEPTH (IN)	3	12	3	0	0	0	0	0	0	0	0	#	12	26
MEAN SFC WND DIR (DEG)	\$270	\$270	\$270	\$270	\$240	\$240	\$240	\$060	\$060	\$030	\$260	\$240	\$240	10
MEAN WND SPD (KTS)	4.6	5.0	5.6	5.7	4.9	4.4	3.9	3.7	3.6	3.9	4.2	4.1	4.5	10
MAX WND SPD (KTS)	39	42	58	43	45	41	56	42	39	32	39	36	58	7
SKY COVER GT 1/2 (%)	54.0	62.4	54.0	47.1	52.0	51.9	56.0	50.6	49.0	45.1	51.0	51.9	52.4	10
D/W THUNDERSTORMS	1	1	2	3	6	8	12	9	4	1	1	1	49	26
@ D/W FOG (VSBY LT 7 MI)	14	12	14	12	16	17	18	21	20	16	14	13	187	47

LEGEND: ANN = ANNUAL | POR/YOR = PERIOD/YEARS OF RECORD
 D/W = MEAN NUMBER OF DAYS WITH | WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
 & = BASED ON LESS THAN FULL MONTHS | # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
 ** = INSTANTANEOUS PEAK WINDS | % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN
 * = DATA NOT AVAILABLE | WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST														
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG														
06 - 08	27.1	28.3	22.7	17.6	21.9	25.0	31.6	36.8	32.4	27.2	27.7	26.2	27.0	10
LT 3000 FT														
09 - 11	25.1	25.5	17.6	13.4	15.5	14.8	13.2	17.2	22.6	21.5	24.6	19.5	19.2	10
AND/OR														
12 - 14	21.0	20.5	12.5	8.8	7.1	6.0	6.7	6.5	14.0	13.0	18.8	17.6	12.7	10
USBY														
15 - 17	18.9	16.1	11.1	6.2	2.5	3.7	4.5	4.4	8.9	10.2	12.5	13.8	9.4	10
LT 3 MI														
18 - 20	15.7	15.5	11.7	6.9	5.2	4.7	5.5	5.3	8.5	8.8	11.3	12.4	9.3	10
21 - 23	16.4	19.7	10.1	8.0	6.2	7.9	5.5	7.1	8.3	9.9	13.1	11.8	10.3	10
ALL	20.6	20.6	13.8	9.9	10.2	10.6	11.5	13.3	16.6	15.4	17.7	16.5	14.6	10
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG														
06 - 08	22.8	25.0	18.6	13.6	18.6	21.2	30.0	35.0	30.3	24.3	24.3	22.7	23.9	10
LT 1500 FT														
09 - 11	20.6	21.4	13.4	8.1	8.0	7.9	9.9	11.6	17.5	17.2	20.2	15.8	14.3	10
AND/OR														
12 - 14	16.0	15.1	8.4	4.6	2.8	1.9	3.0	2.9	7.4	8.6	11.6	10.6	7.7	10
USBY														
15 - 17	12.1	12.4	6.9	3.0	1.7	2.5	2.6	2.5	5.2	6.5	8.6	9.5	6.1	10
LT 3 MI														
18 - 20	10.0	12.2	7.9	4.0	3.6	3.6	3.6	3.6	5.0	6.9	9.6	8.1	6.5	10
21 - 23	11.5	16.1	6.2	6.6	5.2	5.1	3.4	3.8	6.2	7.4	10.3	8.2	7.5	10
ALL	15.3	16.6	9.8	6.2	6.7	7.0	9.0	10.2	12.5	11.9	13.5	11.9	10.8	10
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG														
06 - 08	17.5	19.3	13.8	8.2	13.4	13.1	16.3	19.6	20.8	18.1	19.8	17.5	16.4	10
LT 1000 FT														
09 - 11	15.4	15.9	9.8	4.7	3.7	3.1	5.4	5.3	11.3	11.7	15.2	11.0	9.4	10
AND/OR														
12 - 14	11.3	11.2	5.4	3.1	1.7	1.0	.7	1.1	3.2	5.2	8.9	8.0	5.1	10
USBY														
15 - 17	9.0	9.8	3.7	1.6	1.5	1.0	1.4	1.3	3.0	4.5	6.7	5.9	4.1	10
LT 2 MI														
18 - 20	7.9	8.5	4.7	2.2	1.7	1.7	1.7	.8	3.5	4.6	7.4	5.8	4.2	10
21 - 23	10.8	13.5	4.8	4.2	2.9	2.6	2.1	2.3	4.4	6.0	8.6	7.3	5.8	10
ALL	11.7	12.6	6.6	3.8	4.2	3.7	4.7	5.2	7.9	8.3	10.5	8.7	7.2	10
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG														
06 - 08	4.6	6.8	2.9	1.4	1.7	.8	1.7	3.3	2.6	3.3	5.4	5.2	3.3	10
LT 200 FT														
09 - 11	1.7	2.0	.3	.1	.0	.0	.0	.0	.0	.5	1.6	1.8	.7	10
AND/OR														
12 - 14	.7	.6	.0	.0	.0	.1	.1	.0	.0	.0	.0	.6	.2	10
USBY														
15 - 17	.1	.4	.0	.1	.0	.1	.1	.0	.0	.0	.3	.4	.1	10
LT 1/2 MI														
18 - 20	.8	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	.5	.3	10
21 - 23	2.2	2.6	.6	.2	.3	.0	.0	.3	.0	.2	.9	1.0	.7	10
ALL	1.4	1.8	.5	.2	.3	.2	.3	.6	.4	.6	1.1	1.3	.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/1	0/2	2/3	2/5	1/5	0/5	0/1	5/22
120NM	0/1	0/7	3/6	5/12	4/12	1/8	0/1	13/47
240NM	0/3	2/15	6/10	14/23	13/27	7/19	2/2	44/99

REMARKS: @ DATA WERE SUPPLEMENTED WITH A&S CLIMATIC BRIEF FROM SHAW AFB SC (OCT 89).

A W S CLIMATIC BRIEF FEB 92	STATION NAME: MYRTLE BEACH AFB SC												FIELD ELEV: 26 FT																
	LATITUDE/LONGITUDE: 33 41 N 078 56 W												STATION MSC: 747910																
	HOURLY OBS FOR: OCT 81 - SEP 91												CALL SIGN: KMYR																
	SUMMARY OF DAY FOR: NOV 42-JUL 47, JAN 49-JUL 91												SUPERSEDES: JAN 87																
HOURS SUMMARIZED: 0000 - 2300 LST																													
LST TO UTC: +05																													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR															
EXTRM MAX TEMP (F)	82	84	88	93	98	104	103	104	99	96	85	84	104	48															
MEAN MAX TEMP (F)	56	58	64	72	79	85	87	87	83	75	67	58	72	48															
MEAN TEMP (F)	46	49	55	63	70	77	80	79	75	65	56	49	64	48															
MEAN MIN TEMP (F)	37	39	45	53	62	69	73	72	67	55	45	38	54	48															
EXTRM MIN TEMP (F)	7	9	19	28	36	48	54	54	42	25	16	9	7	48															
D/W TEMP GE 95 (F)	0	0	0	0	#	1	2	1	1	#	0	0	5	48															
D/W TEMP GE 90 (F)	0	0	0	1	1	5	9	7	2	1	0	0	26	48															
D/W TEMP LT 33 (F)	12	9	3	1	0	0	0	0	0	1	4	11	41	48															
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	#	1	3	48															
HEATING DEGREE DAYS	583	451	325	121	18	#	0	#	3	87	273	507	2368	43															
COOLING DEGREE DAYS	1	3	15	63	200	366	490	462	309	102	20	4	2035	43															
MEAN DEWPOINT TEMP (F)	35	40	45	50	61	68	72	71	65	55	48	38	54	10															
MEAN WET BULB TEMP (F)	41	45	50	56	65	71	75	74	68	60	53	44	58	10															
99.95% WCPA (FT)	500	600	650	550	350	300	200	250	300	300	450	400	450	10															
MEAN REL HUM 07 LST(%)	75.0	78.8	78.6	75.9	80.2	80.6	81.9	83.6	81.9	80.2	78.7	75.1	79.2	10															
MEAN REL HUM 13 LST(%)	58.6	59.7	57.9	54.0	61.5	63.0	65.2	66.1	62.7	57.2	56.5	56.8	59.9	10															
MAX 24HR PRECIP (IN)	3.63	2.91	5.82	5.36	3.40	7.61	6.30	6.50	6.93	8.22	9.40	3.11	9.40	48															
MAX PRECIP (IN)	10.04	8.01	11.53	7.39	11.42	10.18	16.39	14.64	16.69	13.17	9.70	8.29	71.98	48															
MEAN PRECIP (IN)	3.69	3.38	4.53	2.77	3.69	4.93	6.10	5.86	5.69	3.30	2.87	3.33	50.38	48															
MIN PRECIP (IN)	.44	.92	.84	.05	.89	.25	1.24	.39	.72	#	.37	.26	35.56	48															
D/W PRECIP GE .01 (IN)	10	9	10	7	9	9	12	11	9	6	7	9	108	48															
D/W PRECIP GT .50 (IN)	2	2	3	2	2	3	4	3	3	2	2	2	30	48															
MAX 24HR SNFL (IN)	4.5	3.3	5.2	0	0	0	0	0	0	0	#	8.8	8.8	44															
MAX SNFL (IN)	4.5	4.3	6.6	0	0	0	0	0	0	0	#	13.7	15.4	44															
MEAN SNFL (IN)	.1	.3	.3	0	0	0	0	0	0	0	#	.3	1.0	44															
D/W SNFL GE .1 (IN)	#	1	#	0	0	0	0	0	0	0	0	1	2	44															
D/W SNFL GE 1.5 (IN)	#	#	#	0	0	0	0	0	0	0	0	#	#	44															
MAX DLY SNO DEPTH (IN)	2	5	7	0	0	0	0	0	0	0	0	15	15	44															
PRVLRG WND DIR (DEG)	\$35-01	\$35-01	\$35-01	\$17-19	\$17-19	\$17-19	\$20-22	\$17-19	\$02-04	\$35-01	\$35-01	\$35-01	\$35-01	10															
MEAN WND SPD (KTS)	4	5	6	5	5	5	4	3	4	4	4	4	5	10															
MAX WND SPD (KTS)	47	90	52	41	51	50	52	42	66	37	42	47	90	36															
SKY COVER GT 5/10 (%)	53.9	57.1	50.3	46.4	48.3	50.5	52.3	54.5	47.6	42.4	45.3	51.0	49.9	10															
D/W THUNDERSTORMS	1	1	3	4	6	9	13	10	5	2	1	1	56	48															
D/W FOG (VSBY LT 7 MI)	15	14	16	14	17	17	16	18	18	16	16	14	191	48															
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE															POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	25.5	18.8	15.5	11.6	7.0	4.0	2.7	7.6	11.6	11.7	17.2	18.6	12.6	10
	03 - 05	26.7	21.9	19.6	16.7	11.4	8.4	5.9	13.8	15.7	14.9	19.0	21.5	16.3	10
	06 - 08	26.5	23.9	21.8	17.3	10.2	11.3	8.7	21.0	21.0	16.8	19.2	24.6	18.5	10
	09 - 11	25.1	22.8	19.1	12.3	6.0	6.2	5.6	12.8	12.6	12.3	16.0	19.2	14.2	10
	12 - 14	23.2	19.6	14.3	8.1	4.1	4.4	3.3	9.4	10.7	11.3	11.0	16.1	11.3	10
	15 - 17	24.0	18.4	12.7	7.7	3.9	4.7	2.6	7.6	10.0	8.6	10.8	15.4	10.5	10
	18 - 20	22.7	16.0	14.9	9.4	4.7	3.2	3.2	7.3	10.0	8.2	10.3	18.2	10.7	10
	21 - 23	23.9	17.6	14.7	9.1	5.5	4.4	4.1	5.5	9.7	8.6	13.2	18.5	11.2	10
	ALL	24.7	19.9	16.6	11.5	6.6	5.8	4.5	10.6	12.6	11.5	14.6	19.0	13.1	10

CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	19.9	16.0	10.9	8.1	4.2	2.1	1.1	4.1	6.3	5.9	13.4	15.2	8.9	10
	03 - 05	22.9	15.7	14.7	12.2	8.2	6.0	4.6	9.8	10.8	10.6	15.4	17.3	12.3	10
	06 - 08	23.4	18.2	16.8	12.7	8.2	7.6	8.0	18.7	16.8	12.9	16.2	19.8	14.9	10
	09 - 11	21.8	17.6	13.4	7.0	3.1	2.1	2.6	8.6	9.9	8.4	12.1	14.6	10.1	10
	12 - 14	17.7	13.6	9.0	3.7	2.2	1.7	1.3	4.3	5.4	5.1	7.1	11.9	6.9	10
	15 - 17	17.8	11.7	7.9	3.9	1.4	1.7	1.1	3.3	5.2	4.4	6.6	11.4	6.4	10
	18 - 20	16.3	10.5	9.1	5.1	2.5	1.8	1.7	3.4	5.6	4.0	7.7	13.7	6.8	10
	21 - 23	16.5	12.6	10.6	6.0	3.1	2.3	1.7	2.9	5.5	3.8	9.9	14.9	7.5	10
	ALL	19.6	14.5	11.6	7.3	4.1	3.2	2.8	6.9	8.2	6.9	11.1	14.9	9.2	10

CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	16.3	11.5	9.4	4.8	2.5	1.1	.6	2.4	4.0	4.5	10.2	12.3	6.6	10
	03 - 05	19.0	12.4	12.2	8.9	5.3	4.4	2.5	7.3	7.9	7.5	12.1	14.7	9.5	10
	06 - 08	20.6	13.2	13.0	8.4	4.4	5.3	4.1	11.3	10.0	8.7	11.8	16.1	10.6	10
	09 - 11	18.0	12.5	10.2	3.4	1.0	.9	.8	4.9	6.0	4.8	8.9	11.5	6.9	10
	12 - 14	13.8	9.1	5.9	1.2	1.3	.6	.2	1.3	3.1	3.1	4.8	9.7	4.5	10
	15 - 17	12.2	9.2	4.8	2.8	.6	1.0	.1	1.4	2.6	2.9	4.8	9.7	4.3	10
	18 - 20	12.6	7.7	6.1	3.0	1.3	.9	.6	.5	1.9	1.9	5.8	11.4	4.5	10
	21 - 23	13.5	9.8	8.8	4.1	1.4	1.3	.8	1.0	2.7	2.6	8.0	12.3	5.5	10
	ALL	15.8	10.7	8.8	4.6	2.2	1.9	1.2	3.8	4.8	4.5	8.3	12.2	6.5	10

CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	3.1	1.5	2.6	1.6	.3	.0	.0	.8	.1	.6	3.7	2.7	1.4	10
	03 - 05	2.8	2.1	2.6	3.4	1.4	.2	.2	1.8	.8	2.6	3.6	3.7	2.1	10
	06 - 08	3.2	1.7	2.2	2.1	.6	.3	.3	1.4	.7	1.3	2.3	4.3	1.7	10
	09 - 11	1.7	.1	.3	.0	.0	.0	.0	.0	.0	.2	.4	2.6	.4	10
	12 - 14	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	10
	15 - 17	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.9	.1	10
	18 - 20	1.2	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	.8	.3	10
	21 - 23	2.6	1.5	1.4	.4	.3	.0	.0	.2	.0	.3	1.2	2.4	.9	10
	ALL	1.9	1.0	1.2	1.0	.3	.1	.1	.5	.2	.6	1.4	2.2	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/3	3/5	1/4	5/8	2/7	0/1	0/0	11/28
120NM	0/0	0/0	0/0	0/0	0/1	1/10	5/8	10/13	8/13	4/10	1/2	0/0	29/57
240NM	0/0	0/0	0/0	0/0	1/4	3/16	7/10	22/26	17/29	10/21	3/2	0/0	63/109

REMARKS : 0

A W S CLIMATIC BRIEF OCT 89	STATION NAME: SHAW AFB SC	FIELD ELEV: 242 FT
	LATITUDE/LONGITUDE: 33 58 N 080 28 W	STATION MSC: 747900
	HOURLY OBS POR: APR 79 - MAR 89	CALL SIGN: KSSC
	SUMMARY OF DAY POR: JAN 42 - MAR 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERCEDES: NOV 84
	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	81	82	90	95	99	106	105	104	101	99	88	82	106	47
MEAN MAX TEMP (F)	55.1	58.5	65.9	75.1	82.2	87.8	89.6	88.5	83.6	74.8	66.0	57.3	73.7	47
MEAN TEMP (F)	45.9	48.6	55.7	64.4	72.2	78.4	80.9	79.8	74.8	64.9	55.8	47.9	64.1	47
MEAN MIN TEMP (F)	36.4	38.4	45.1	53.3	61.7	68.6	71.7	70.8	65.7	54.5	45.2	38.2	54.2	47
EXTRM MIN TEMP (F)	3	9	16	29	40	50	57	53	44	30	16	8	3	47
D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	1	#	0	0	0	3	47
D/W TEMP GE 90 (F)	0	0	#	1	4	12	16	14	6	1	0	0	54	47
D/W TEMP LT 33 (F)	11	8	2	#	0	0	0	0	0	#	2	9	32	47
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	#	1	3	47
HEATING DEGREE DAYS	588	451	304	98	13	#		#	6	89	285	527	2361	47
COOLING DEGREE DAYS	2	3	22	90	245	410	498	467	305	91	18	4	2155	47
MEAN DEWPOINT TEMP (F)	28.8	32.9	39.1	45.8	56.4	63.8	68.1	68.0	62.2	50.7	43.1	33.8	49.5	10
MEAN WET BULB TEMP (F)	37.6	41.5	47.3	54.1	62.3	68.4	71.8	71.3	66.2	56.2	49.7	41.9	55.8	10
99.95% WCPA (FT)	650	750	800	750	550	500	400	450	500	500	600	600	650	10
MEAN REL HUM 07 LST(%)	67.8	69.5	71.1	71.3	77.3	78.8	82.1	85.3	82.6	78.6	75.6	69.5	75.8	10
MEAN REL HUM 13 LST(%)	50.2	49.1	47.7	43.6	48.2	52.2	55.7	57.7	55.7	50.5	51.0	48.9	50.9	10
MAX 24HR PRECIP (IN)	3.78	2.70	5.65	2.98	4.90	7.51	3.97	4.91	6.55	3.90	3.10	2.89	7.51	47
MAX PRECIP (IN)	7.37	6.52	12.73	10.08	10.64	17.83	13.35	14.50	14.84	9.11	8.09	7.38	62.65	47
MEAN PRECIP (IN)	3.41	3.57	4.23	3.24	3.61	4.89	5.48	4.70	3.64	2.52	2.60	3.21	45.30	47
MIN PRECIP (IN)	.65	.32	.53	.35	.40	1.15	.66	.74	.31	.03	.33	.27	27.71	47
D/W PRECIP GE .01 (IN)	10	9	10	8	9	9	12	10	8	6	7	9	107	47
D/W PRECIP GT .50 (IN)	2	2	3	2	2	3	4	3	2	2	2	2	29	47
MAX 24HR SNFL (IN)	3.5	13.8	4.1	#	0	0	0	0	0	#	#	4.6	13.8	43
MAX SNFL (IN)	3.5	16.5	4.2	#	0	0	0	0	0	#	#	4.6	20.3	43
MEAN SNFL (IN)	.4	1.0	.3	#	0	0	0	0	0	#	#	.2	1.8	43
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	43
D/W SNFL GE 1.5 (IN)	#	1	#	0	0	0	0	0	0	0	0	#	1	43
MAX DLY SNO DEPTH (IN)	3	17	5	0	0	0	0	0	0	0	0	3	17	43
MEAN SFC WND DIR (DEG)	\$030	\$030	\$030	\$270	\$210	\$240	\$210	\$210	\$030	\$030	\$030	\$030	\$030	10
MEAN WND SPD (KTS)	5.0	5.4	5.5	5.7	4.6	4.0	3.7	3.6	3.8	4.0	4.3	4.5	4.5	10
MAX WND SPD (KTS)	50	68	58	52	56	68	58	72	47	50	42	47	72	42
SKY COVER GT 1/2 (%)	52.0	57.4	52.0	45.0	50.0	49.5	53.0	50.1	47.0	44.3	49.0	50.3	50.2	10
D/W THUNDERSTORMS	1	1	2	4	7	8	12	9	4	1	1	1	51	40
D/W FOG (VSBY LT 7 MI)	14	12	14	12	16	17	18	21	20	16	14	13	187	40

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	22.2	21.9	18.0	9.1	10.3	7.4	6.9	8.8	15.2	13.0	18.1	18.9	14.1	10
	03 - 05	25.3	24.5	22.6	13.9	15.7	16.2	15.3	16.7	21.6	20.4	26.0	21.8	20.0	10
	06 - 08	27.5	27.8	27.2	17.0	23.2	23.2	28.6	35.6	34.9	29.2	30.6	25.7	27.5	10
	09 - 11	26.8	26.1	21.4	12.1	13.0	12.2	13.7	17.5	21.3	20.5	24.7	24.3	19.5	10
	12 - 14	25.1	21.3	17.4	8.9	5.6	5.0	6.5	7.5	14.3	12.7	20.4	20.8	13.8	10
	15 - 17	22.0	18.3	14.2	7.0	3.0	3.6	4.3	5.7	10.9	10.8	14.9	17.5	11.0	10
	18 - 20	20.2	17.2	13.0	6.3	4.1	4.4	3.9	5.6	9.0	9.8	15.3	16.7	10.5	10
	21 - 23	19.4	20.1	11.8	7.4	6.9	6.2	4.7	7.0	10.9	10.3	16.0	16.1	11.4	10
	ALL	23.5	22.2	18.2	10.2	10.2	9.8	10.5	13.1	17.3	15.8	20.7	20.2	16.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	18.9	17.8	14.0	6.6	7.5	5.8	4.8	6.2	13.0	10.5	14.3	16.5	11.3	10
	03 - 05	21.2	21.2	17.6	11.8	12.8	14.3	13.2	13.8	19.7	17.0	21.8	19.5	17.0	10
	06 - 08	22.7	23.6	22.0	13.4	20.1	19.3	26.5	33.9	32.0	25.7	25.9	23.1	24.0	10
	09 - 11	22.6	21.4	17.2	8.2	7.7	5.8	8.3	12.2	16.8	15.8	20.2	19.5	14.6	10
	12 - 14	19.8	16.5	11.5	3.6	3.3	1.4	2.5	2.6	7.8	7.7	11.7	14.3	8.6	10
	15 - 17	16.5	13.8	7.6	3.3	2.0	1.9	2.3	3.2	6.1	6.6	9.8	11.8	7.1	10
	18 - 20	14.8	13.0	7.5	4.1	2.8	2.8	1.8	3.2	6.2	6.8	10.6	11.9	7.1	10
	21 - 23	15.2	15.9	9.0	5.1	4.3	4.2	2.8	3.8	7.9	6.6	12.3	12.4	8.3	10
	ALL	19.0	17.9	13.3	7.0	7.6	6.9	7.8	9.9	13.7	12.1	15.8	16.1	12.2	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	16.3	13.8	9.1	5.0	5.1	4.2	3.9	4.5	10.1	7.5	12.2	12.2	8.7	10
	03 - 05	19.0	17.4	13.8	8.3	9.8	10.1	8.8	10.8	15.3	12.9	17.1	15.6	13.2	10
	06 - 08	19.1	19.7	17.4	10.4	14.0	12.7	14.7	19.1	22.9	18.7	20.1	19.0	17.3	10
	09 - 11	18.3	16.1	12.2	4.8	3.9	2.2	3.5	5.1	10.3	11.1	15.7	15.8	9.9	10
	12 - 14	15.2	12.0	7.1	2.1	1.5	.6	1.1	1.4	3.1	4.7	8.0	10.5	5.6	10
	15 - 17	13.2	10.5	4.6	1.8	.9	.8	1.1	1.8	3.4	4.2	7.6	8.3	4.8	10
	18 - 20	12.9	10.6	5.1	2.0	1.4	1.0	.9	1.4	3.8	4.5	8.6	8.6	5.1	10
	21 - 23	13.7	12.2	6.1	4.3	2.5	2.8	2.0	1.8	5.6	5.4	10.7	9.7	6.4	10
	ALL	16.0	14.0	9.4	4.8	4.9	4.3	4.5	5.7	9.3	8.6	12.5	12.5	8.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.4	1.5	.9	.4	.4	.1	.0	.1	.9	1.1	1.7	2.3	1.1	10
	03 - 05	3.1	2.2	1.9	1.0	2.0	.9	1.5	2.0	3.8	3.1	3.7	4.7	2.5	10
	06 - 08	2.9	4.1	3.8	1.4	2.4	1.8	2.3	3.7	3.4	4.3	4.3	5.7	3.3	10
	09 - 11	2.3	1.5	.9	.1	.0	.0	.0	.0	.0	.8	1.3	2.0	.7	10
	12 - 14	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.1	10
	15 - 17	.4	.2	.0	.1	.1	.0	.1	.0	.0	.0	.0	.2	.1	10
	18 - 20	.9	.8	.2	.0	.1	.0	.0	.0	.0	.0	.2	.9	.3	10
	21 - 23	2.6	1.3	.1	.0	.1	.0	.0	.0	.0	.3	1.2	.8	.5	10
	ALL	2.1	1.5	1.0	.4	.6	.3	.5	.7	1.0	1.2	1.6	2.1	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN		
60NM	0/0	0/0	0/0	0/0	0/0	0/2		
120NM	0/0	0/0	0/0	0/0	0/1	0/7		
240NM	0/0	0/1	0/0	0/0	0/3	2/15		
HR/TS	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
60NM	2/3	2/6	1/6	0/5	0/1	0/0	5/23	
120NM	4/7	4/11	5/12	1/8	0/1	0/0	14/47	
240NM	6/10	16/23	15/27	7/20	2/2	0/0	48/101	

A W S CLIMATIC BRIEF December 1987		Station Name: ELLSWORTH AFB SD Latitude/Longitude: N44 09 W103 08 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Feb 39 to Jun 45 LST - GMT -7 Apr 48 to Aug 87		Field Elev: 3,278 ft Station MSC: 726625 Call Sign: KRCA Supersedes: Jun 1983										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	74	72	82	91	97	106	111	107	103	94	77	74	111	46
MEAN MAX TEMP °F	32	36	43	56	67	76	86	85	74	62	46	37	58	46
MEAN TEMP °F	22	27	33	45	56	65	74	72	62	51	36	27	48	46
MEAN MIN TEMP °F	12	16	23	34	45	54	61	60	49	39	25	17	36	46
XTRM MIN TEMP °F	-25	-23	-18	5	20	31	42	40	19	13	-14	-24	-25	46
D/W TEMP > 95°F	0	0	0	0	#	1	5	4	1	0	0	0	11	46
D/W TEMP > 85°F	0	0	0	#	2	6	18	17	7	1	0	0	51	46
D/W TEMP < 32°F	29	26	25	12	2	#	0	0	1	7	22	28	152	46
D/W TEMP < 0°F	8	4	1	0	0	0	0	0	0	0	1	3	17	46
VPR PRESS "Hg	.07	.08	.12	.16	.25	.34	.40	.38	.25	.18	.11	.08	.17	10
MEAN DEWPOINT °F	11	13	22	29	40	48	53	51	40	32	19	12	31	10
99.95% WCPA Ft	3950	3900	3950	3950	3850	3750	3650	3650	3850	3850	3950	4000	3850	10
MEAN RH 07 LST %	63	64	68	62	64	64	60	62	60	63	62	62	63	10
MEAN RH 13 LST %	53	51	52	43	47	46	39	39	39	42	48	52	46	10
MAX 24HR PRECIP "	1.2	1.0	2.2	1.8	3.1	3.3	3.2	1.3	1.9	2.1	1.1	.5	3.3	42
MAX PRECIP "	1.7	2.2	3.1	5.6	9.8	7.7	5.7	4.1	3.6	3.5	2.9	1.1	9.8	42
MEAN PRECIP "	.5	.6	1.0	1.9	2.9	3.1	2.1	1.5	1.1	1.0	.7	.4	16.8	42
MIN PRECIP "	#	#	.1	#	.2	.8	#	.1	#	#	.1	#	#	42
D/W PRECIP > .01"	6	6	8	8	11	11	8	7	6	5	5	6	87	42
D/W PRECIP > .5"	#	#	#	1	2	2	1	1	1	#	#	0	8	42
MAX 24HR SNFL "	7	10	14	18	5	6	0	0	2	5	12	6	18	39
MAX SNFL "	19	20	29	43	7	6	0	0	3	8	31	11	43	39
MEAN SNFL "	5	7	9	7	1	#	0	0	#	1	6	5	41	39
D/W SNFL > .1"	6	6	7	4	1	#	0	0	#	1	4	6	35	39
D/W SNFL > 1.5"	1	2	2	2	#	#	0	0	#	#	1	1	9	39
MEAN WND DRCTN	NNW	NNW	NNW	NNW	NNW	NNW	S	S	NNW	NNW	NNW	NNW	NNW	10
MEAN WND SPD Kts	8	8	9	10	9	7	7	7	8	8	7	8	8	10
MAX WND SPD** Kts	69	62	78@	72@	65	70	70	66	76	62	66	62	78@	37
MEAN CLD CVR 10th	6	7	7	6	6	6	5	5	5	6	6	6	6	10
D/W TSTORMS	0	0	#	1	6	10	11	8	3	#	#	#	39	39
D/W FOG VSBY <7mi	5	7	7	6	5	4	2	2	3	3	5	6	55	39

Legend: ANN = Annual YOR = Years of record POR = Period of record
 D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
 @ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
 ** = Instantaneous peak winds \$ = Percentage of calm winds > mean direction
 * = Data not available

REMARKS:

A W S CLIMATIC BRIEF December 1987		Station Name: ELLSWORTH AFB SD Latitude/Longitude: N44 09 W103 08 Hourly Obs POR: Sep 77 to Aug 87 Summary of Day POR: Feb 39 to Jun 45 LST - GMT -7 Apr 48 to Aug 87								Field Elev: 3,278 ft Station MSC: 726625 Call Sign: KRCA Supersedes: Jun 1983					
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY LESS THAN 3000/3	00-02	15	23	24	16	14	5	3	4	10	10	18	16	13	
	03-05	15	23	27	17	16	8	6	5	12	11	16	17	14	
	06-08	15	24	26	19	17	9	7	5	14	13	17	17	15	
	09-11	15	21	25	19	16	8	6	4	15	12	19	15	15	
	12-14	12	16	22	17	14	6	4	3	14	11	17	12	12	
	15-17	13	16	19	15	13	4	3	1	11	9	16	11	11	
	18-20	13	20	19	15	11	3	3	1	10	9	18	14	11	
	21-23	15	22	21	16	12	3	3	3	10	10	20	14	12	
00-24	14	21	23	17	14	6	4	3	12	11	18	15	13	10	
CIG/VSBY LESS THAN 1500/3	00-02	12	19	20	14	9	4	3	2	8	7	14	11	10	
	03-05	12	19	21	15	12	6	5	3	10	7	14	12	11	
	06-08	12	18	21	16	14	6	6	3	11	9	14	13	12	
	09-11	12	19	21	14	12	5	4	3	12	8	15	12	11	
	12-14	10	14	15	11	9	4	3	2	9	7	13	9	9	
	15-17	9	14	12	10	7	2	2	1	6	6	12	8	7	
	18-20	8	16	13	10	7	2	2	1	6	6	14	10	8	
	21-23	10	18	17	13	8	2	2	2	7	7	15	10	9	
00-24	11	17	18	13	10	4	3	2	9	7	14	11	10	10	
CIG/VSBY LESS THAN 1000/2	00-02	9	16	17	13	8	3	2	2	7	7	13	10	9	
	03-05	9	15	17	13	10	6	4	3	8	7	12	11	10	
	06-08	9	16	18	13	11	5	4	2	9	6	13	11	10	
	09-11	9	14	16	10	8	3	2	2	9	7	13	10	9	
	12-14	8	11	11	8	6	2	1	1	5	6	11	7	6	
	15-17	8	10	9	7	5	2	1	1	5	5	10	7	6	
	18-20	6	12	11	8	5	2	1	1	5	4	12	7	6	
	21-23	8	14	15	11	6	2	2	2	6	6	14	8	8	
00-24	8	14	14	10	7	3	2	2	7	6	12	9	8	10	
CIG/VSBY LESS THAN 200/1/2	00-02	2	4	3	1	1	1	1	#	1	1	2	1	2	
	03-05	2	3	4	2	1	#	1	1	2	1	3	2	2	
	06-08	3	4	4	3	1	#	#	#	2	1	3	1	2	
	09-11	2	3	3	2	#	0	0	0	1	1	2	1	1	
	12-14	2	1	1	1	#	0	0	0	0	#	1	1	1	
	15-17	1	1	1	1	0	0	0	0	#	#	1	1	1	
	18-20	1	3	2	1	0	0	0	#	1	1	2	1	1	
	21-23	1	3	3	1	#	#	#	#	1	1	2	1	1	
00-24	2	3	3	2	#	#	#	#	1	1	2	1	1	10	

A W S CLIMATIC BRIEF March 1988	Station Name: MCGHEE-TYSON ANGB, KNOXVILLE TN										Field Elev: 981 ft			
	Latitude/Longitude: N35 49 W084 00										Station MSC: 723260			
	Hourly Obs POR: Oct 77 to Sep 87										Call Sign: KTYS			
	Summary of Day POR: Jan 48 to Sep 87										Supersedes: Jan 1984			
LST - GMT -5														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	77	83	86	91	94	101	103	102	103	91	84	80	103	40
MEAN MAX TEMP °F	47	52	60	71	78	85	88	87	82	71	59	50	69	40
MEAN TEMP °F	38	42	50	59	68	75	78	77	71	60	49	41	59	40
MEAN MIN TEMP °F	29	32	39	48	56	64	68	67	61	49	38	32	48	40
XTRM MIN TEMP °F	-24	-2	1	22	32	43	51	53	36	25	5	-6	-24	40
D/W TEMP > 90°F	0	0	0	#	1	6	12	10	3	#	0	0	32	40
D/W TEMP > 85°F	0	0	#	1	7	18	23	22	11	1	0	0	83	40
D/W TEMP < 20°F	6	3	1	0	0	0	0	0	0	0	#	3	13	40
D/W TEMP < 10°F	1	1	#	0	0	0	0	0	0	0	#	#	2	40
VAPOR PRESS "Hg	.14	.17	.22	.30	.47	.62	.69	.69	.54	.36	.27	.18	.35	10
MEAN DEWPOINT °F	26	30	37	45	57	65	68	68	61	50	42	32	49	10
99.95% WCPA Ft	1450	1500	1550	1450	1300	1200	1100	1150	1200	1250	1350	1400	1350	10
MEAN RH 07 LST %	81	82	80	81	87	88	88	89	91	89	85	83	85	10
MEAN RH 13 LST %	63	61	55	53	60	59	61	61	59	57	61	63	59	10
MAX 24HR PRECIP "	3.8	2.5	4.0	3.2	3.4	2.9	4.3	3.3	2.5	2.4	4.0	4.7	4.7	40
MAX PRECIP "	11.7	8.3	10.4	7.2	11.0	7.6	10.1	6.7	7.0	6.7	10.4	11.6	11.7	40
MEAN PRECIP "	4.4	4.2	5.1	3.7	3.9	3.8	4.5	3.1	2.8	2.9	3.9	4.4	46.7	40
MIN PRECIP "	1.0	.7	1.7	.4	.7	.7	.7	.8	.4	#	1.4	.5	#	40
D/W PRECIP > .01"	12	11	13	11	11	10	11	10	8	8	10	11	126	40
D/W PRECIP > .5"	3	3	3	2	3	3	3	2	2	2	3	3	32	40
MAX 24HR SNFL "	10	18	9	11	0	0	0	0	0	#	16	7	18	40
MAX SNFL "	15	23	20	11	0	0	0	0	0	#	18	13	23	40
MEAN SNFL "	5	4	2	1	0	0	0	0	0	#	1	2	15	40
D/W SNFL > .1"	3	2	1	#	0	0	0	0	0	0	#	1	7	40
D/W SNFL > 1.5"	1	1	#	#	0	0	0	0	0	0	#	#	2	40
MEAN WND DRCTN	W	NE	\$SW	SW	\$WSW	\$SW	\$WSW	\$NE	\$NE	\$NE	\$NE	\$NE	\$NE	10
MEAN WND SPD Kts	6	6	6	6	5	5	5	5	5	5	5	6	5	10
MAX WND SPD** Kts	52	52	49	51	46	44	60	49	37	38	43	51	60	15
MEAN CLD CVR 10th	7	7	6	6	6	5	6	6	5	5	6	6	6	10
D/W TSTORMS	1	1	3	4	7	8	10	7	3	1	1	1	47	40
D/W FOG VSBY <7mi	14	12	11	9	14	14	17	19	18	17	14	13	172	40
Legend: ANN - Annual YOR - Years of record POR - Period of record D/W - Mean number of days with... WCPA - "Worst case" pressure altitude @ - Based on less than full months # - Less than 0.5 day, or 0.05 inch, or 0.5%, as applicable ** - Instantaneous peak winds \$ - Percentage of calm winds > mean direction * - Data not available														
REMARKS: Hurricanes/tropical storms observed (1900-1986):														
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANNUAL						
Within 60NM	0/0	0/0	0/0	0/1	0/0	0/0	0/0	0/1						
Within 120NM	0/0	0/2	0/1	0/3	0/5	0/1	0/0	2/12						
Within 240NM	0/1	0/4	0/4	1/12	0/14	0/9	0/1	1/45						

A W S CLIMATIC BRIEF MARCH 1988	Station Name: MCGHEE-TYSON ANGB, KNOXVILLE TN										Elevation: 981 ft					
	Latitude/Longitude: N35 49 W084 00										Station MSC: 723260					
	Hourly Obs POR: Oct 77 to Sep 87										Call Sign: KTY5					
	Summary of Day POR: Jan 48 to Sep 87										Supersedes: Jan 1984					
LST - GMT -5																
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VISBY	00-02	34	31	17	9	11	6	9	8	11	16	23	29	17		
	03-05	38	34	21	12	19	16	18	20	18	22	31	31	23		
	06-08	42	37	24	17	30	24	35	43	35	33	38	34	33		
	09-11	42	37	26	17	19	17	22	24	26	24	35	30	27		
LESS THAN	12-14	37	32	21	13	13	10	15	14	18	15	27	27	20		
3000/3	15-17	31	28	16	10	10	5	6	5	10	11	24	23	15		
	18-20	28	27	13	6	8	3	3	3	8	9	20	23	13		
	21-23	31	26	14	6	8	2	4	3	7	12	23	23	13		
	00-24	35	32	19	11	15	10	14	15	17	18	28	28	20	10	
CIG/VISBY	00-02	19	19	8	4	7	3	5	4	7	10	14	16	10		
	03-05	21	21	12	5	14	9	14	16	14	17	22	17	15		
	06-08	21	25	14	9	25	17	29	38	30	25	27	19	23		
	09-11	24	24	14	6	10	9	12	18	19	17	24	17	16		
LESS THAN	12-14	18	17	9	4	4	2	5	4	8	8	16	15	9		
1500/3	15-17	16	14	7	3	3	2	2	1	4	6	15	13	7		
	18-20	16	15	7	2	4	2	2	2	4	5	12	12	7		
	21-23	15	16	7	2	3	1	1	1	4	6	15	13	7		
	00-24	19	19	10	4	9	6	9	11	11	12	18	15	12	10	
CIG/VISBY	00-02	15	15	7	3	4	2	3	3	4	7	11	12	7		
	03-05	15	17	8	3	10	5	10	12	10	15	15	14	11		
	06-08	16	18	10	5	15	11	15	23	17	18	21	14	15		
	09-11	16	15	8	3	5	4	6	7	11	13	17	12	10		
LESS THAN	12-14	13	12	4	2	3	#	2	1	4	5	10	10	6		
1000/2	15-17	12	11	4	2	2	#	1	1	2	4	9	9	5		
	18-20	12	11	4	2	2	1	1	1	2	3	8	9	5		
	21-23	11	12	5	2	2	#	1	1	2	4	9	10	5		
	00-24	14	14	6	3	5	3	5	6	7	9	13	11	8	10	
CIG/VISBY	00-02	4	4	1	1	1	#	#	1	1	2	3	3	2		
	03-05	3	5	2	1	5	2	2	4	2	4	4	4	3		
	06-08	4	4	3	1	4	2	3	6	5	7	6	3	4		
	09-11	3	2	1	#	#	0	0	#	#	2	2	2	1		
LESS THAN	12-14	1	0	#	#	#	0	#	0	0	0	#	1	#		
200/1/2	15-17	2	#	#	#	0	0	0	#	0	0	#	#	#		
	18-20	2	1	#	#	0	0	0	0	0	0	0	#	#		
	21-23	2	3	1	#	#	#	0	0	#	1	1	2	1		
	00-24	3	2	1	#	1	1	1	1	1	2	2	2	1	10	

PREPARED BY FEBRUARY		USAFETAC 1982		STATION NAME LOCATION		ANARILLO MAP TX N35 14 W101 42		PERIOD ELEV		JUL 46-MAY 81 8 3605 FT		STN LTRS WEAN MO		23047 72363																		
AWS CLIMATIC BRIEF																																
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				SURFACE WINDS				MEAN NUMBER OF DAYS OCCURRENCE OF															
	MEAN				EXTREME				MONTHLY				MONTHLY				PRECIP				SNOWFALL				TEMPERATURE (°F)							
	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN					
	DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY					
JAN	49	22	36	61	-11	0.5	2.3	0	1.5	1	13	7	71	51	11	19	4150	5	11	56	5	0.01	0.5	3	1	0	7	0	27	8		
FEB	53	26	40	68	-14	0.6	1.8	0	1.3	4	17	11	68	45	12	22	4200	5	12	58	5	0.1	0.5	3	1	0	7	0	0	21	3	
MAR	61	32	47	74	-3	0.9	4.0	0	1.4	1	15	8	65	39	15	26	4300	5	14	68	5	0.1	0.5	2	1	2	7	0	9	16	1	
APR	71	42	57	88	18	1.1	2.7	0	1.5	1	8	5	66	37	21	36	4200	5	14	70	5	0.1	0.5	1	0	0	3	5	4	1	4	0
MAY	74	52	66	102	28	2.9	9.6	0.2	4.0	0	1	1	74	43	31	46	4100	5	13	61	6	0.9	2	0	0	0	7	1	5	6	0	
JUN	86	61	75	108	42	3.5	10.7	0	4.1	0	0	0	70	40	42	54	4000	5	12	60	8	0.2	0	0	0	0	10	3	7	15	0	0
JUL	91	66	79	105	53	2.7	7.6	0.1	2.0	0	0	0	69	40	49	58	3750	5	11	60	5	0.2	0	0	0	0	2	17	21	6	0	0
AUG	90	64	77	104	49	3.0	7.6	0.4	3.6	0	0	0	74	43	49	58	3800	5	12	57	5	0.2	0	0	0	0	9	3	7	18	0	0
SEP	82	57	70	102	36	1.8	5.0	0	2.1	0	0	0	76	46	39	52	3900	5	11	46	5	0.1	0	0	0	0	6	2	7	18	0	0
OCT	73	45	59	95	21	1.5	5.7	0.0	2.6	4	4	3	68	39	23	38	4050	5	11	44	3	0.1	0	0	0	0	2	6	0	1	3	0
NOV	59	32	46	87	0	0.6	2.3	0	2.0	2	14	8	73	47	16	29	4150	5	11	63	4	0.3	0	1	0	1	6	0	0	15	1	0
DEC	52	25	39	81	-9	0.5	4.5	0	1.6	2	8	6	65	40	11	20	4200	5	11	55	4	0.3	0	2	0	0	8	0	0	26	1	0
JAN	77	44	57	108	-19	19.6	10.7	0	4.1	19	17	11	70	43	23	38	4100	5	12	70	5	0.2	1	1	1	7	50	66	28	68	111	16
FEB	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REMARKS																																
NUMBER OBSERVED WITHIN: A/B AUG A																																
F 1900-1979) 60NN 0/0 0/0 0/0																																
CURLY: 7306-8105 Jun 73 - May 81 (A) Hurricane 120NN 0/0 0/0 0/0																																
TALLY: 4607-8105 Jul 46 - May 81 (B) Tropical Storm 240NN 0/1 0/1																																
NOTE * DATA NOT AVAILABLE																																
AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS																																
1/ CALM GRN % PVG DCTN 3 BASED ON < FULL MONTHS																																
CAV PREC (S)																																
00-02 20 20 14 11 14 5 3 6 12 9 15 12 12																																
03-05 19 22 18 14 21 7 8 9 16 10 19 11 13																																
06-08 20 22 21 16 25 9 9 10 16 14 20 12 16																																
09-11 21 21 21 16 21 8 9 9 16 11 21 11 15																																
12-14 18 17 19 12 11 4 4 6 12 8 18 10 12																																
15-17 16 15 13 8 7 3 1 3 8 6 14 8 9																																
18-20 14 14 9 6 6 2 1 2 8 7 12 9 8																																
21-23 18 16 11 8 11 1 1 8 10 9 14 10 10																																
ALL MRS 18 18 16 11 15 5 5 6 13 10 17 10 12 8																																
00-02 16 18 10 7 10 4 2 4 9 7 13 7 9																																
03-05 17 19 13 10 16 6 6 7 12 7 16 7 11																																
06-08 17 20 16 13 20 8 7 8 15 11 17 8 13																																
09-11 18 17 17 11 13 5 3 5 12 9 17 7 11																																
12-14 14 14 11 6 5 2 1 3 6 7 10 7 7																																
15-17 11 12 8 4 4 1 0 1 5 6 8 5 5																																
18-20 12 11 6 3 4 2 1 6 5 9 6 5 5																																
21-23 15 14 8 5 8 2 1 8 7 11 7 7 7																																
ALL MRS 15 16 11 7 10 4 3 4 9 7 13 7 9 8																																
00-02 14 15 8 5 8 2 2 4 9 6 11 6 8																																
03-05 14 18 10 8 13 5 5 11 7 15 5 10 10																																
06-08 14 17 13 10 16 7 5 7 13 9 15 6 11																																
09-11 16 15 13 7 9 4 2 4 8 8 13 5 9																																
12-14 11 12 6 4 4 1 2 5 5 7 5 5 5																																
15-17 9 9 4 2 3 1 0 1 5 4 6 5 4																																
18-20 10 9 4 2 3 1 0 1 5 4 6 5 4																																
21-23 13 11 6 3 6 2 0 7 6 10 5 6 6																																
ALL MRS 13 13 9 5 8 3 2 3 8 6 11 5 7 8																																
00-02 3 7 2 0 1 0 0 0 1 4 2 2 2																																
03-05 4 8 4 1 2 1 1 2 2 3 3 2 3																																
06-08 5 9 4 3 3 1 0 1 2 3 4 2 3																																
09-11 6 6 2 1 1 0 0 0 1 2 1 2 1																																
12-14 2 3 1 0 0 0 0 0 0 0 1 1 1																																
15-17 1 2 2 0 0 0 0 0 0 1 1 0 1																																
18-20 2 3 1 0 0 0 0 0 1 1 3 1 1																																
21-23 3 4 1 0 1 0 0 1 1 4 2 1 1																																
ALL MRS 3 5 2 1 1 0 0 0 1 1 3 1 2 8																																

A W S CLIMATIC BRIEF APR 92	STATION NAME: BERGSTROM AFB/AUSTIN TX LATITUDE/LONGITUDE: 30 12 N 097 41 W HOURLY OBS POR: AUG 81 - JUL 91 SUMMARY OF DAY POR: OCT 42-FEB 46, OCT 46-JUL 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +06												FIELD ELEV: 541 FT STATION MSC: 722545 CALL SIGN: KBSM SUPERSEDES: MAY 87			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
	EXTRM MAX TEMP (F)	89	95	99	99	101	104	106	107	107	97	90	91	107	51	
	MEAN MAX TEMP (F)	60	64	72	79	85	91	95	95	89	81	70	63	79	51	
	MEAN TEMP (F)	50	54	61	69	76	82	85	85	79	70	60	52	68	51	
	MEAN MIN TEMP (F)	40	43	50	59	66	72	74	74	69	59	49	42	58	51	
	EXTRM MIN TEMP (F)	-5	8	19	35	44	54	62	60	45	32	20	6	-5	51	
	D/W TEMP GE 100 (F)	0	0	0	0	#	1	4	6	1	0	0	0	12	51	
	D/W TEMP GE 90 (F)	0	#	1	1	7	21	28	28	17	4	#	#	107	51	
	D/W TEMP LT 33 (F)	8	4	1	0	0	0	0	0	0	#	1	5	19	51	
	D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	51	
	HEATING DEGREE DAYS	469	323	175	40	2	0	0	0	#	32	197	387	1625	44	
	COOLING DEGREE DAYS	11	17	65	169	343	513	627	628	445	210	57	14	3099	44	
	MEAN DEWPOINT TEMP (F)	37	41	47	54	64	69	69	69	65	58	49	38	55	10	
	MEAN WET BULB TEMP (F)	44	47	54	60	68	72	73	74	69	62	55	45	60	10	
	99.95% WCPA (FT)	900	1050	1100	1050	900	800	700	700	800	850	1000	1000	1000	10	
	MEAN REL HUM 07 LST(%)	76.4	78.1	78.1	78.1	83.9	84.7	84.3	83.4	82.4	82.9	78.8	75.2	80.5	10	
	MEAN REL HUM 13 LST(%)	55.6	55.7	53.0	52.1	59.2	56.4	49.6	46.8	50.2	54.4	55.0	54.8	53.6	10	
	MAX 24HR PRECIP (IN)	5.01	3.90	2.55	4.50	8.53	5.73	3.96	5.93	5.97	4.30	8.70	4.81	8.70	51	
	MAX PRECIP (IN)	10.53	7.34	6.52	12.18	13.69	15.59	9.77	8.91	9.36	13.08	12.49	5.96	55.74	51	
	MEAN PRECIP (IN)	2.00	2.26	2.03	2.89	4.33	3.29	1.68	2.14	3.51	3.33	2.47	1.92	31.80	51	
	MIN PRECIP (IN)	.02	.09	.05	.03	.28	#	.02	#	.02	.00	#	.01	9.98	51	
	D/W PRECIP GE .01 (IN)	8	7	7	7	8	6	5	5	7	6	7	7	80	51	
	D/W PRECIP GT .50 (IN)	1	1	1	2	3	2	1	1	2	2	2	1	19	51	
	MAX 24HR SNFL (IN)	5.5	4.0	.6	0	0	0	0	0	0	0	2.0	.6	5.5	51	
	MAX SNFL (IN)	6.8	5.0	.6	0	0	0	0	0	0	0	2.0	.6	7.3	51	
	MEAN SNFL (IN)	.4	.3	#	0	0	0	0	0	0	0	.1	#	.9	51	
	D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	#	#	2	51	
	D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	#	0	#	51	
	MAX DLY SNO DEPTH (IN)	6	5	#	0	0	0	0	0	0	0	#	#	6	51	
	PRVLNG WND DIR (DEG)	\$35-01	35-01	17-19	17-19	17-19	17-19	17-19	17-19	\$17-19	\$17-19	\$35-01	35-01	17-19	10	
	MEAN WND SPD (KTS)	6	6	7	6	6	5	4	4	4	5	5	6	5	10	
	MAX WND SPD (KTS)	63	51	63	52	68	69	54	57	55	44	54	66	69	49	
	SKY COVER GT 5/10 (%)	55.7	57.5	55.1	55.6	59.2	44.2	34.3	33.8	39.3	44.9	52.3	54.1	48.8	10	
	D/W THUNDERSTORMS	1	2	3	5	7	5	4	5	5	3	2	1	43	51	
	D/W FOG (VSBY LT 7 MI)	13	12	12	13	13	8	6	6	10	11	11	13	128	51	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	30.4	32.0	35.2	34.0	30.0	15.4	7.6	3.3	11.9	25.7	33.8	32.5	24.3	10
	03 - 05	36.5	38.2	42.8	44.2	49.1	31.1	19.2	10.5	25.1	34.2	35.9	36.1	33.6	10
	06 - 08	38.7	40.9	44.9	49.2	54.2	38.0	28.3	18.4	28.8	41.7	41.4	38.8	38.6	10
	09 - 11	35.6	38.5	40.3	34.0	30.9	20.4	9.5	4.8	18.6	31.1	37.1	36.6	28.1	10
	12 - 14	28.2	30.0	24.2	17.1	11.0	4.2	1.8	1.2	4.1	14.7	20.2	27.3	15.3	10
	15 - 17	20.6	21.4	13.2	9.4	3.9	1.4	1.1	1.2	2.3	9.2	13.8	20.6	9.8	10
	18 - 20	19.8	19.5	11.4	6.8	4.3	1.4	1.3	.8	2.9	8.3	11.3	20.5	9.0	10
	21 - 23	24.4	24.6	21.2	15.4	10.2	2.4	1.6	1.0	4.8	13.2	19.0	25.5	13.6	10
	ALL	29.3	30.6	29.2	26.3	24.2	14.3	8.8	5.1	12.3	22.3	26.6	29.7	21.5	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	20.6	20.3	20.9	17.1	12.8	5.3	3.8	1.9	5.7	15.3	20.3	23.1	13.9	10
	03 - 05	26.1	25.9	27.5	27.9	25.3	16.6	13.0	5.3	12.2	23.2	24.0	27.0	21.2	10
	06 - 08	28.8	29.2	28.8	31.9	30.1	21.0	16.9	10.2	18.2	30.1	27.3	29.6	25.2	10
	09 - 11	25.6	26.6	21.2	14.9	9.4	7.8	3.9	1.0	6.3	18.8	21.8	24.4	15.1	10
	12 - 14	19.2	16.1	7.4	6.9	3.9	1.8	1.1	.6	1.3	7.0	9.0	15.8	7.5	10
	15 - 17	12.8	12.2	4.5	4.4	1.0	.3	.2	.3	1.1	4.7	6.2	11.9	5.0	10
	18 - 20	11.5	11.1	4.2	3.3	1.3	.6	.6	.4	2.1	4.3	5.3	13.2	4.8	10
	21 - 23	14.1	14.2	9.1	5.7	2.5	.6	1.2	.4	3.6	7.7	10.1	17.4	7.2	10
	ALL	19.9	19.4	15.5	14.0	10.8	6.7	5.1	2.5	6.3	13.9	15.5	20.3	12.5	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	15.3	12.4	11.6	8.1	3.3	1.0	1.5	1.1	1.3	7.1	11.2	16.6	7.5
03 - 05		20.2	18.8	18.5	16.8	11.0	6.0	3.8	2.8	5.2	15.1	16.4	18.9	12.8	10
06 - 08		22.3	21.3	19.7	20.7	14.6	9.7	6.6	4.2	10.9	22.2	19.3	21.5	16.1	10
09 - 11		17.3	19.3	10.8	6.3	2.8	2.0	1.2	.3	2.0	11.7	13.9	15.3	8.6	10
12 - 14		11.9	10.3	3.3	4.1	1.1	.2	.3	.4	.2	3.5	5.8	9.2	4.2	10
15 - 17		7.6	8.6	1.5	2.7	.5	.0	.2	.1	.2	2.8	4.4	7.8	3.0	10
18 - 20		7.8	8.7	1.8	1.8	.3	.1	.3	.0	.3	2.9	4.4	9.5	3.2	10
21 - 23		10.3	10.8	4.4	3.0	1.1	.1	.4	.0	1.6	4.6	6.4	13.4	4.7	10
ALL		14.1	13.8	9.0	7.9	4.3	2.4	1.8	1.1	2.7	8.7	10.2	14.0	7.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	3.5	1.5	1.2	.8	.2	.0	.0	.0	.0	.5	1.9	3.3	1.1
	03 - 05	4.8	2.0	1.4	1.2	1.5	.1	.4	.0	.1	1.8	3.0	3.1	1.6	10
	06 - 08	4.4	4.5	1.7	1.6	1.4	.0	.4	.1	.3	5.2	4.8	4.1	2.4	10
	09 - 11	1.8	1.9	.1	.1	.0	.0	.0	.0	.0	1.0	1.6	3.0	.8	10
	12 - 14	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	.2	10
	15 - 17	.2	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	1.0	.1	10
	18 - 20	.6	.0	.0	.7	.0	.0	.0	.0	.0	.3	.8	1.4	.3	10
	21 - 23	2.2	.2	.0	.4	.0	.0	.0	.0	.0	.4	1.1	2.2	.5	10
	ALL	2.3	1.3	.6	.6	.4	.0	.1	.0	.1	1.2	1.7	2.4	.9	10
	HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986														
HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		
60NM	0/0	0/0	0/0	0/0	0/0	0/2	0/2	0/2	1/2	0/0	0/0	0/0	1/8		
120NM	0/0	0/0	0/0	0/0	0/0	3/5	2/5	5/9	1/4	0/1	0/0	0/0	11/24		
240NM	0/0	0/0	0/0	0/0	0/0	8/11	6/11	13/18	10/17	1/2	0/0	0/0	38/59		
REMARKS : @															

[illegible]

A W S CLIMATIC BRIEF January 1988		Station Name: CARSWELL AFB TX Latitude/Longitude: N32 46 W097 26 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Nov 42 to Oct 45 LST - GMT -6 Sep 46 to Jul 87		Field Elev: 650 ft Station MSC: 722595 Call Sign: KFMH Supersedes: Jun 1983												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
XTRM MAX TEMP °F		88	88	95	99	101	110	109	110	107	105	89	91	110	44	
MEAN MAX TEMP °F		55	60	67	76	83	91	95	96	88	78	66	58	76	44	
MEAN TEMP °F		45	50	57	66	74	82	86	85	78	68	56	48	66	44	
MEAN MIN TEMP °F		35	39	46	56	64	72	75	75	68	57	46	38	56	44	
XTRM MIN TEMP °F		2	5	11	31	42	55	61	60	43	33	17	6	2	44	
D/W TEMP >100°F		0	0	0	0	#	2	7	8	1	0	0	0	18	44	
D/W TEMP >90°F		0	0	#	1	5	19	27	27	15	3	0	#	97	44	
D/W TEMP <32°F		13	7	3	#	0	0	0	0	0	0	2	8	33	44	
D/W TEMP <20°F		2	#	#	0	0	0	0	0	0	0	#	1	3	44	
VPR PRESS ("Hg)		.17	.20	.28	.36	.54	.67	.67	.64	.58	.40	.28	.20	.38	10	
MEAN DEWPOINT °F		30	35	43	50	61	67	67	66	63	53	43	34	51	10	
99.95% WCPA Ft		1100	1200	1300	1200	1100	950	850	850	1000	1050	1150	1200	1150	10	
MEAN RH 07 LST %		73	76	74	73	80	77	69	70	76	75	75	72	74	10	
MEAN RH 13 LST %		53	56	51	51	59	55	44	44	49	51	53	52	52	10	
MAX 24HR PRECIP "		2.8	3.0	3.4	3.3	5.7	3.5	5.9	3.1	4.0	3.2	2.8	2.9	5.9	44	
MAX PRECIP "		5.9	8.4	6.5	14.2	15.2	8.8	9.0	6.0	9.6	10.7	7.4	6.7	15.2	44	
MEAN PRECIP "		1.7	2.0	2.4	3.5	4.4	3.1	2.3	1.9	3.4	3.1	1.8	1.9	31.5	44	
MIN PRECIP "		#	.1	#	.2	.6	.1	#	#	#	#	#	#	#	44	
D/W PRECIP >.01"		6	6	6	7	8	6	5	4	6	6	5	6	71	44	
D/W PRECIP >.5"		1	1	2	2	3	2	1	1	2	2	1	1	19	44	
MAX 24HR SNFL "		5	8	7	0	0	0	0	0	0	0	4	3	8	41	
MAX SNFL "		8	12	7	0	0	0	0	0	0	0	4	3	12	41	
MEAN SNFL "		1	1	#	0	0	0	0	0	0	0	#	#	2	41	
D/W SNFL >.1"		1	1	#	0	0	0	0	0	0	0	#	#	2	41	
D/W SNFL >1.5"		#	#	#	0	0	0	0	0	0	0	#	#	#	41	
MEAN WND DRCTN		N	N	S	S	S	S	S	S	S	S	S	N	S	10	
MEAN WND SPD Kts		7	8	8	8	7	7	6	6	6	6	7	7	7	10	
MAX WND SPD** Kts		50	63	69	64	68	65	56	54	80@	45	54@	58	80@	39	
MEAN CLD CVR 10th		6	6	6	5	6	5	4	4	5	5	6	6	5	10	
D/W TSTORMS		1	2	4	6	8	6	5	5	3	3	2	1	46	41	
D/W FOG VSBY <7mi		12	10	9	9	10	5	3	3	8	9	9	10	97	41	
Legend: ANN - Annual YOR - Years of record POR - Period of record D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude @ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** - Instantaneous peak winds * - Data not available \$ - Percentage of calm winds > mean direction																
REMARKS: Hurricanes/tropical storms observed (1900-1986):																
		JUN	JUL	AUG	SEP	ANNUAL										
Within 60NM		0/1	0/0	0/1	0/1	0/3										
Within 120NM		0/2	0/2	0/7	0/1	0/12										
Within 240NM		4/7	3/5	9/14	3/11	19/37										

A W S CLIMATIC BRIEF January 1988		Station Name: CARSWELL AFB TX Latitude/Longitude: N32 46 W097 26 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Nov 42 to Oct 45 LST - GMT -6 Sep 46 to Jul 87								Field Elev: 650 ft Station MSC: 722595 Call Sign: KFWH Supersedes: Jun 1983					
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY LESS THAN 3000/3	00-02	24	29	14	13	13	5	1	1	8	17	23	24	14	
	03-05	26	33	22	20	20	11	3	2	12	21	28	26	19	
	06-08	28	36	27	23	27	16	6	4	15	23	32	28	22	
	09-11	30	34	24	23	23	14	5	4	16	25	29	30	21	
	12-14	25	30	18	15	12	7	1	2	8	16	23	24	15	
	15-17	21	25	14	11	9	2	1	1	6	10	17	21	12	
	18-20	20	26	14	9	7	1	#	#	4	9	16	20	11	
	21-23	21	27	11	10	7	2	#	#	6	12	19	22	11	
00-24	24	30	18	16	15	7	2	2	9	17	23	24	16	10	
CIG/VSBY LESS THAN 1500/3	00-02	16	17	7	7	7	2	1	1	5	9	12	18	9	
	03-05	20	19	11	9	10	4	2	1	7	12	16	21	11	
	06-08	21	22	14	11	12	7	4	2	10	14	19	21	13	
	09-11	21	23	12	9	8	4	2	2	7	13	19	23	12	
	12-14	15	18	8	5	4	1	#	1	3	8	13	16	8	
	15-17	15	16	6	3	2	1	#	#	2	4	10	13	6	
	18-20	15	14	7	4	3	#	#	#	2	4	9	12	6	
	21-23	15	14	5	6	1	#	#	0	3	6	10	15	6	
00-24	17	18	9	7	5	2	1	1	5	9	14	17	9	10	
CIG/VSBY LESS THAN 1000/2	00-02	13	12	3	5	2	1	#	#	3	5	8	14	6	
	03-05	15	12	6	6	4	3	#	1	4	8	11	16	7	
	06-08	16	16	7	6	5	4	2	1	6	10	14	16	9	
	09-11	16	16	7	5	3	2	#	1	3	8	13	15	7	
	12-14	11	12	4	1	2	#	#	#	3	3	8	9	4	
	15-17	11	9	3	1	1	#	#	#	1	3	5	7	3	
	18-20	12	9	3	2	1	0	#	#	1	2	5	9	4	
	21-23	13	11	3	3	1	0	#	0	2	4	6	10	4	
00-24	13	12	5	4	2	1	#	#	3	5	9	12	6	10	
CIG/VSBY LESS THAN 200/1/2	00-02	1	1	0	0	0	0	0	0	0	#	#	1	#	
	03-05	3	2	#	#	#	0	0	0	0	1	2	2	1	
	06-08	3	3	1	#	#	0	0	0	#	1	3	2	1	
	09-11	1	1	#	#	#	0	0	0	0	#	1	1	#	
	12-14	#	#	0	#	#	0	0	0	0	0	#	0	#	
	15-17	0	0	0	0	#	0	0	0	0	0	0	#	#	
	18-20	#	#	0	0	#	0	0	0	0	0	0	1	#	
	21-23	1	#	0	#	0	0	0	0	0	#	0	1	#	
00-24	1	1	#	#	#	0	0	0	#	#	1	1	#	10	

A W S CLIMATIC BRIEF January 1988	Station Name:	DYESS AFB, TX	Field Elev:	1,789 ft
	Latitude/Longitude:	N32 26 W099 51	Station MSC:	722665
	Hourly Obs POR:	Sep 77 to Aug 87	Call Sign:	KDYS
	Summary of Day POR:	Dec 43 to Dec 45		
		Apr 56 to Aug 87		
	LST - GMT -6		Supersedes:	Dec 1983

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	89	89	96	99	108	109	107	108	105	103	95	86	109	34
MEAN MAX TEMP °F	54	59	68	77	84	90	94	94	86	76	65	57	75	34
MEAN TEMP °F	43	48	56	65	73	80	84	83	76	66	54	46	64	34
MEAN MIN TEMP °F	32	36	44	53	61	69	73	72	65	55	43	35	53	34
XTRM MIN TEMP °F	-7	-2	8	27	35	50	57	53	39	29	16	2	-7	34
D/W TEMP > 100°F	0	0	0	0	#	2	5	5	1	#	0	0	13	34
D/W TEMP > 90°F	0	0	1	3	8	18	26	24	12	2	#	0	94	34
D/W TEMP < 32°F	17	10	4	1	0	0	0	0	0	#	4	13	49	34
D/W TEMP < 10°F	1	#	#	0	0	0	0	0	0	0	0	#	1	34
VPR PRESS ("Hg)	.15	.19	.22	.28	.44	.56	.58	.58	.50	.36	.25	.17	.32	10
MEAN DEWPOINT °F	27	33	37	43	55	62	63	63	59	50	40	31	47	10
99.95% WCPA Ft	2250	2300	2400	2350	2300	2150	2000	2000	2150	2200	2300	2300	2300	10
MEAN RH 07 LST %	69	72	66	64	72	73	67	68	70	74	73	71	70	10
MEAN RH 13 LST %	51	53	44	39	46	47	41	41	44	49	50	51	46	10
MAX 24HR PRECIP "	2.0	1.6	2.3	5.9	4.6	4.3	5.5	6.8	3.4	4.8	2.7	1.3	6.8	34
MAX PRECIP "	5.3	3.5	4.0	10.2	14.7	7.4	8.6	8.9	10.9	9.7	4.4	3.3	14.7	34
MEAN PRECIP "	1.1	1.1	1.2	2.2	3.3	2.6	2.3	2.6	3.0	3.0	1.3	1.0	24.7	34
MIN PRECIP "	#	#	.1	#	.2	#	#	#	#	.2	#	#	#	34
D/W PRECIP > .01"	5	5	5	6	8	6	5	5	6	6	5	5	67	34
D/W PRECIP > .5"	1	1	1	2	2	2	2	2	2	2	1	1	19	34
MAX 24HR SNFL "	8	5	6	#	0	0	0	0	0	#	6	2	8	31
MAX SNFL "	18	7	7	#	0	0	0	0	0	#	8	6	18	31
MEAN SNFL "	2	1	1	#	0	0	0	0	0	#	1	1	6	31
D/W SNFL > .1"	1	1	#	0	0	0	0	0	0	0	#	#	2	31
D/W SNFL > 1.5"	1	#	#	0	0	0	0	0	0	0	#	#	1	31
MEAN WND DRCTN	N	N	S	S	S	S	S	S	S	S	S	N	S	10
MEAN WND SPD Kts	7	7	9	9	7	7	6	6	6	6	6	7	7	10
MAX WND SPD** Kts	53	51	50	60	54	64	55	58	44	47	80	48	80	30
MEAN CLD CVR 10th	6	6	6	5	6	5	4	5	5	5	5	5	5	10
D/W TSTORMS	1	1	3	5	8	6	5	6	4	3	1	1	44	31
D/W FOG VSBY <7mi	7	6	5	4	4	2	1	2	5	5	5	7	53	31

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
@ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds \$ - Percentage of calm winds > mean direction
* - Data not available

REMARKS: Hurricanes/tropical storms observed (1900-1986):

	JUN	JUL	AUG	SEP	ANNUAL
Within 60NM	0/0	0/0	0/0	0/0	0/0
Within 120NM	0/0	0/0	0/2	0/1	0/3
Within 240NM	0/5	0/3	1/10	1/2	2/20

**A W S
CLIMATIC BRIEF**

January 1988

Station Name: DYESS AFB, TX
Latitude/Longitude: N32 26 W099 51
Hourly Obs POR: Sep 77 to Aug 87
Summary of Day POR: Dec 43 to -Dec 45
Apr 56 to Aug 87

LST - GMT -6

Field Elev: 1,789 ft
Station MSC: 722655
Call Sign: KDYS

Supersedes: Dec 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY LESS THAN 3000/3	00-02	19	22	11	8	6	5	1	2	9	12	16	22	11	
	03-05	22	26	14	12	13	9	2	2	12	16	18	24	14	
	06-08	22	30	17	14	17	15	3	4	15	19	21	24	17	
	09-11	23	29	19	14	16	12	3	4	13	17	23	24	16	
	12-14	23	26	15	9	9	6	1	2	8	12	18	23	13	
	15-17	18	23	10	6	5	3	1	2	6	9	15	21	10	
	18-20	16	21	9	5	3	2	#	1	6	9	14	18	9	
	21-23	18	20	9	6	4	3	#	1	7	8	14	20	9	
	00-24	20	25	13	9	9	7	1	2	10	13	17	22	12	10
CIG/VSBY LESS THAN 1500/3	00-02	14	16	7	5	4	3	#	1	6	8	11	17	8	
	03-05	15	20	8	7	8	3	#	2	8	11	11	17	9	
	06-08	17	23	10	9	9	7	1	3	9	13	14	18	11	
	09-11	18	25	10	7	7	4	1	1	9	11	15	17	10	
	12-14	16	19	7	3	3	2	#	1	4	7	11	16	7	
	15-17	13	16	5	3	2	1	1	1	3	5	9	14	6	
	18-20	13	14	5	2	1	1	0	1	3	5	8	14	6	
	21-23	13	15	6	3	2	2	0	1	4	5	9	15	6	
	00-24	15	19	7	5	5	3	#	1	6	8	11	16	8	10
CIG/VSBY LESS THAN 1000/2	00-02	11	12	4	3	2	1	#	1	5	5	9	13	6	
	03-05	12	15	6	4	4	2	#	1	6	8	8	13	7	
	06-08	13	19	7	4	5	4	#	1	7	10	10	15	8	
	09-11	14	18	7	3	4	2	#	1	5	7	10	14	7	
	12-14	11	12	4	2	1	1	#	#	2	4	7	11	5	
	15-17	9	10	3	2	2	1	#	#	2	3	6	11	4	
	18-20	10	9	3	2	1	1	0	1	2	3	6	10	4	
	21-23	11	11	3	2	1	1	0	1	3	4	7	12	5	
	00-24	11	13	5	3	3	2	#	1	4	6	8	12	6	10
CIG/VSBY LESS THAN 200/½	00-02	1	2	#	#	#	0	0	0	#	#	1	1	#	
	03-05	1	2	#	#	0	#	0	0	1	#	#	2	1	
	06-08	1	2	1	#	#	#	0	0	#	1	#	2	1	
	09-11	1	1	1	0	0	0	0	0	0	0	#	2	#	
	12-14	#	#	#	#	#	0	0	0	0	0	#	1	#	
	15-17	1	0	0	0	0	#	#	0	0	0	#	11	#	
	18-20	1	#	#	#	0	0	0	0	0	0	#	1	#	
	21-23	1	1	#	#	0	0	0	0	0	0	#	1	#	
	00-24	1	1	#	#	#	#	#	0	#	#	#	1	#	10

[illegible]

A W S CLIMATIC BRIEF MAR 92	STATION NAME: HOOD AAF/KILLEEN TX LATITUDE/LONGITUDE: 31 09 N 097 43 W BOURLY OBS FOR: OCT 81 - SEP 91 SUMMARY OF DAY POR: NOV 60-DEC 84, SEP 87-SEP 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +06											FIELD ELEV: 930 FT STATION MSC: 722570 CALL SIGN: KHLR SUPERSEDES: OCT 87			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	86	89	96	98	98	103	106	106	101	99	91	85	106	27
	MEAN MAX TEMP (F)	56	61	69	77	82	89	93	93	86	78	67	59	76	27
	MEAN TEMP (F)	47	51	59	68	73	80	83	84	77	69	58	50	67	27
	MEAN MIN TEMP (F)	38	41	49	58	64	71	73	73	68	59	49	41	57	27
	EXTRM MIN TEMP (F)	8	15	21	32	45	51	62	62	47	33	22	9	8	27
	D/W TEMP GE 100 (F)	0	0	0	0	0	1	2	3	1	0	0	0	7	27
	D/W TEMP GE 90 (F)	0	0	1	1	4	16	24	25	12	2	#	0	85	27
	D/W TEMP LT 33 (F)	10	5	1	#	0	0	0	0	0	0	1	6	23	27
	D/W TEMP LT 20 (F)	1	1	0	0	0	0	0	0	0	0	0	1	3	27
	HEATING DEGREE DAYS	541	401	245	38	5	#	0	0	1	46	204	478	1959	30
	COOLING DEGREE DAYS	7	6	39	153	289	489	603	612	394	168	39	7	2806	30
	MEAN DEWPOINT TEMP (F)	35	38	44	51	62	67	67	67	63	55	47	36	54	10
	MEAN WET BULB TEMP (F)	43	45	52	58	66	71	72	73	68	60	53	43	59	10
	99.95% WCPA (FT)	1300	1400	1500	1450	1300	1150	1050	1100	1100	1200	1400	1350	1350	10
	MEAN REL HUM 07 LST(%)	74.3	73.9	74.7	74.0	82.3	83.2	80.7	79.8	81.9	80.9	79.8	76.7	78.6	10
	MEAN REL HUM 13 LST(%)	55.1	53.8	52.1	49.6	57.7	56.3	47.8	46.3	51.6	54.7	55.5	56.6	53.0	10
	MAX 24HR PRECIP (IN)	2.25	3.67	2.03	5.54	8.92	3.52	4.16	5.65	4.76	4.74	2.64	2.45	8.92	28
	MAX PRECIP (IN)	8.61	5.30	4.34	7.06	13.90	6.32	8.44	13.30	7.43	10.07	4.60	3.63	46.28	28
	MEAN PRECIP (IN)	1.96	2.35	2.27	3.19	4.27	2.63	1.30	2.09	3.93	2.64	2.79	1.72	30.68	28
	MIN PRECIP (IN)	.32	.51	.72	.21	.98	.05	.02	.20	.09	.23	.14	.14	17.83	28
	D/W PRECIP GE .01 (IN)	8	7	8	8	9	7	5	6	8	6	7	7	86	28
	D/W PRECIP GT .50 (IN)	1	2	2	2	3	2	1	2	2	2	2	1	22	28
	MAX 24HR SNFL (IN)	5.0	7.7	1.2	0	0	0	0	0	0	0	1.2	1.5	7.7	28
	MAX SNFL (IN)	5.0	8.2	1.2	0	0	0	0	0	0	0	1.6	1.5	10.2	28
	MEAN SNFL (IN)	.6	1.4	.1	0	0	0	0	0	0	0	#	.2	3.2	28
	D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	1	#	3	28
	D/W SNFL GE 1.5 (IN)	1	1	0	0	0	0	0	0	0	0	0	#	2	28
	MAX DLY SNO DEPTH (IN)	4	5	1	0	0	0	0	0	0	0	2	1	5	28
	PRVING WND DIR (DEG)	35-01	35-01	17-19	17-19	14-16	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10
	MEAN WND SPD (KTS)	7	7	8	8	7	6	5	5	6	6	7	7	6	10
	MAX WND SPD (KTS)	46	61	47	52	85	48	54	45	48	50	53	48	85	28
	SKY COVER GT 5/10 (%)	56.7	57.4	54.9	53.9	59.1	47.4	35.4	33.8	43.7	43.4	51.0	51.8	48.7	10
	D/W THUNDERSTORMS	1	1	3	4	6	5	4	5	4	2	1	1	37	28
	D/W FOG (VSBY LT 7 MI)	12	10	11	12	14	7	4	5	9	9	10	11	114	28
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	28.0	29.5	27.8	27.2	29.3	13.7	4.1	.7	8.2	19.6	26.3	26.5	20.1	10
	03 - 05	31.7	35.0	29.9	34.6	38.2	22.2	10.9	4.0	18.7	29.5	34.4	28.1	26.4	10
	06 - 08	34.4	37.4	38.9	36.4	38.6	22.1	12.2	6.3	23.6	34.6	36.2	36.2	29.7	10
	09 - 11	34.3	37.4	36.2	31.1	32.7	22.1	9.9	4.9	23.0	31.2	32.4	35.5	27.7	10
	12 - 14	27.9	28.8	25.4	22.8	18.8	8.0	2.6	1.4	6.4	19.9	19.9	28.2	17.5	10
	15 - 17	21.1	24.5	17.7	13.8	8.0	2.7	1.9	.4	3.7	11.7	12.5	23.1	11.8	10
	18 - 20	19.0	22.5	15.6	9.1	8.6	3.0	.6	1.7	4.6	12.3	10.9	24.9	11.1	10
	21 - 23	23.7	22.7	20.3	13.8	11.3	5.2	.5	1.1	5.9	11.7	16.8	26.7	13.3	10
	ALL	27.4	29.7	26.5	23.5	23.0	12.3	5.4	2.6	11.9	21.5	23.3	28.8	19.1	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	18.1	21.5	13.9	14.9	14.1	5.1	2.7	.3	5.2	13.7	16.8	18.5	12.1	10
	03 - 05	22.3	28.1	18.4	21.5	19.2	9.9	6.2	1.2	9.9	19.6	22.4	19.8	16.5	10
	06 - 08	23.5	28.3	23.8	25.3	21.7	12.0	7.5	4.6	15.2	26.6	22.9	27.1	19.9	10
	09 - 11	22.8	24.3	18.2	18.7	12.8	6.1	2.3	2.2	8.5	19.2	17.6	23.8	14.7	10
	12 - 14	16.7	17.9	9.8	7.2	5.2	1.0	.7	.4	2.7	9.9	8.0	17.1	8.0	10
	15 - 17	12.2	14.2	6.3	2.1	2.9	.7	.1	.1	2.2	6.2	5.7	15.7	5.7	10
	18 - 20	11.1	13.6	6.7	3.1	2.7	1.3	.1	.7	2.8	7.4	5.3	13.9	5.7	10
	21 - 23	14.5	14.6	11.2	5.3	5.3	2.5	.2	.6	3.1	7.5	10.3	17.4	7.7	10
	ALL	17.5	20.2	13.4	12.0	10.3	4.8	2.5	1.3	6.2	13.9	13.2	19.2	10.8	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	13.5	15.5	10.2	8.6	6.6	2.7	.7	.2	3.4	9.4	8.8	15.1	7.9	10
	03 - 05	16.3	20.1	12.3	12.3	10.7	6.5	3.3	.8	5.0	15.3	13.1	16.4	11.0	10
	06 - 08	18.8	21.3	15.8	18.0	12.7	5.8	4.1	1.6	10.1	20.3	16.4	22.4	13.9	10
	09 - 11	17.8	19.6	11.9	12.9	7.5	2.2	1.6	.8	4.6	13.9	11.5	20.4	10.4	10
	12 - 14	11.8	14.8	6.4	3.9	3.2	.1	.4	.4	1.2	6.8	4.4	15.2	5.7	10
	15 - 17	10.2	10.6	4.4	1.2	1.7	.3	.1	.1	1.3	4.7	3.4	12.6	4.2	10
	18 - 20	9.4	11.5	4.7	2.2	1.3	.6	.0	.1	2.4	4.5	4.4	11.7	4.4	10
	21 - 23	11.9	13.2	5.8	3.3	2.8	1.4	.0	.0	2.4	6.1	6.7	12.8	5.5	10
	ALL	13.7	15.8	8.9	7.7	5.8	2.4	1.3	.5	3.8	10.2	8.5	15.9	7.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.3	1.8	1.2	.4	.8	.0	.0	.0	.0	.4	1.6	2.2	.9	10
	03 - 05	3.9	3.3	1.2	.8	.9	.0	.3	.0	.0	2.0	2.7	2.5	1.5	10
	06 - 08	5.3	2.8	1.0	1.3	1.1	.0	.0	.0	.4	4.5	5.4	6.9	2.4	10
	09 - 11	4.2	2.0	.9	.6	.4	.0	.0	.0	.1	1.7	2.0	3.4	1.3	10
	12 - 14	1.1	1.0	.4	.0	.0	.0	.0	.0	.3	.0	.0	1.8	.4	10
	15 - 17	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.4	10
	18 - 20	1.2	1.1	.0	.1	.0	.1	.0	.0	.0	.2	.4	4.0	.6	10
	21 - 23	1.4	3.1	.0	.7	.0	.0	.0	.0	.0	.4	.8	3.2	.8	10
	ALL	2.5	2.0	.6	.5	.4	.0	.0	.0	.1	1.2	1.6	3.4	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60RM	0/0	0/0	0/0	0/0	0/0	0/2	0/1	0/4	0/1	0/0	0/0	0/0	0/8
120RM	0/0	0/0	0/0	0/0	0/0	0/4	1/3	2/7	1/3	0/0	0/0	0/0	4/17
240RM	0/0	0/0	0/0	0/0	0/0	7/9	6/11	11/18	6/13	0/2	0/0	0/0	29/53

REMARKS : @ SUMMARY OF DAY DATA - PART TIME, JUL 70 THRU JAN 90.

A W S CLIMATIC BRIEF MAR 92	STATION NAME: ROBERT GRAY AAF/FORT HOOD TX												FIELD ELEV: 1015 FT		
	LATITUDE/LONGITUDE: 31 04 N 097 50 W												STATION MSC: 722576		
	HOURLY OBS POR: OCT 81 - SEP 91												CALL SIGN: KGRK		
	SUMMARY OF DAY POR: OCT 50-MAR 61, NOV 63-DEC 66, SEP 68-SEP 91												SUPERSEDES: OCT 87		
HOURS SUMMARIZED: 0000 - 2300 LST															
LST TO UTC: +06															
MONTH															
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	86	93	101	98	100	107	109	107	105	101	93	89	109	40	
MEAN MAX TEMP (F)	57	61	69	77	83	90	94	94	87	78	67	60	76	40	
MEAN TEMP (F)	48	52	59	67	74	81	84	84	78	69	58	51	67	40	
MEAN MIN TEMP (F)	38	42	48	57	64	71	74	73	68	59	48	41	57	40	
EXTRM MIN TEMP (F)	7	7	16	32	42	55	61	61	42	31	21	-1	-1	40	
D/W TEMP GE 100 (F)	0	0	#	0	#	1	3	4	1	#	0	0	9	40	
D/W TEMP GE 90 (F)	0	#	1	1	5	18	26	25	14	2	#	0	92	40	
D/W TEMP LT 33 (F)	9	5	2	#	0	0	0	0	0	#	2	6	24	40	
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	40	
HEATING DEGREE DAYS	521	367	212	67	7	0	0	0	3	50	247	449	1923	41	
COOLING DEGREE DAYS	5	12	47	122	293	476	602	605	404	176	41	7	2790	41	
MEAN DEWPOINT TEMP (F)	34	38	44	51	62	67	67	66	62	55	47	36	53	10	
MEAN WET BULB TEMP (F)	41	44	51	58	66	71	72	72	67	60	52	42	58	10	
99.95% WCPA (FT)	1350	1500	1550	1500	1400	1250	1150	1150	1250	1300	1450	1450	1400	10	
MEAN REL HUM 07 LST(%)	74.9	76.3	74.5	75.6	82.7	83.1	81.0	80.0	81.6	82.0	80.2	77.7	79.1	10	
MEAN REL HUM 13 LST(%)	53.6	55.0	51.3	50.4	56.7	55.5	46.1	44.6	50.4	54.1	55.1	56.1	52.4	10	
MAX 24HR PRECIP (IN)	2.18	4.09	3.18	3.90	4.50	4.08	3.19	4.81	3.25	5.16	2.72	2.08	5.16	35	
MAX PRECIP (IN)	4.59	6.31	4.85	13.23	11.30	11.34	8.33	13.84	6.87	8.50	5.62	5.43	46.19	35	
MEAN PRECIP (IN)	1.46	2.26	1.98	2.95	4.42	3.48	1.83	2.39	2.70	3.64	2.08	1.71	31.26	35	
MIN PRECIP (IN)	#	.34	.02	.33	1.17	.05	#	#	#	.00	#	#	12.48	35	
D/W PRECIP GE .01 (IN)	6	7	7	7	9	6	4	5	7	6	6	6	76	35	
D/W PRECIP GT .50 (IN)	1	1	1	2	3	2	1	1	2	2	1	1	18	35	
MAX 24HR SNFL (IN)	2.8	2.0	1.0	#	0	0	0	0	0	0	2.2	#	2.8	35	
MAX SNFL (IN)	3.9	3.4	1.0	#	0	0	0	0	0	0	3.1	#	5.3	35	
MEAN SNFL (IN)	.5	.4	#	#	0	0	0	0	0	0	.2	#	1.3	35	
D/W SNFL GE .1 (IN)	1	1	#	0	0	0	0	0	0	0	1	0	3	35	
D/W SNFL GE 1.5 (IN)	1	#	0	0	0	0	0	0	0	0	#	0	1	35	
MAX DLY SNO DEPTH (IN)	3	2	1	0	0	0	0	0	0	0	2	#	3	35	
PRVING WND DIR (DEG)	35-01	35-01	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10	
MEAN WND SPD (KTS)	7	7	8	8	8	6	6	6	5	6	6	7	7	10	
MAX WND SPD (KTS)	47	50	53	60	61	45	43	47	51	39	58	47	61	31	
SKY COVER GT 5/10 (%)	54.5	55.9	54.6	51.7	58.3	47.0	32.9	33.2	41.5	44.5	49.9	53.4	48.1	10	
D/W THUNDERSTORMS	1	2	4	5	8	6	4	5	4	3	2	1	45	35	
D/W FOG (VSBY LT 7 MI)	11	10	9	10	10	5	3	4	7	9	9	9	96	35	
LEGEND: ANN - ANNUAL D/W - MEAN NUMBER OF DAYS WITH & - BASED ON LESS THAN FULL MONTHS ** - INSTANTANEOUS PEAK WINDS * - DATA NOT AVAILABLE POR/YOR - PERIOD/YEARS OF RECORD WCPA - WORST CASE MAXIMUM PRESSURE ALTITUDE # - LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ - PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	27.8	29.4	29.9	26.7	24.8	11.7	4.1	1.4	10.8	23.8	28.3	31.7	20.9	10
	03 - 05	31.5	34.4	36.1	32.7	37.8	24.7	10.9	4.2	19.4	31.0	33.9	34.6	27.6	10
	06 - 08	33.1	38.5	37.3	36.0	39.2	23.2	11.4	5.3	23.1	33.8	36.6	35.1	29.4	10
	09 - 11	31.0	37.0	33.7	29.7	30.9	17.4	6.0	4.7	19.7	27.1	28.9	32.4	24.9	10
	12 - 14	25.3	29.0	23.5	20.0	15.1	6.9	1.8	2.0	5.9	18.2	20.1	26.2	16.2	10
	15 - 17	17.7	22.8	14.7	11.4	8.0	3.3	1.2	.6	3.9	10.0	13.7	22.8	10.8	10
	18 - 20	16.3	20.4	13.0	9.4	6.5	2.6	.6	1.3	4.8	10.1	12.7	21.5	9.9	10
	21 - 23	21.3	22.6	17.8	16.3	9.8	4.3	.8	1.0	4.8	13.9	18.9	27.3	13.2	10
	ALL	25.5	29.3	25.8	22.8	21.5	11.8	4.6	2.6	11.6	21.0	24.1	29.0	19.1	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	19.4	19.9	17.8	16.4	12.6	4.0	1.8	1.0	5.8	14.9	17.8	23.7	12.9	10
	03 - 05	22.3	23.6	22.2	19.4	19.6	10.6	6.6	2.2	10.4	21.1	21.8	25.8	17.1	10
	06 - 08	24.0	27.5	23.5	24.3	23.7	13.0	6.7	3.2	14.3	26.5	23.6	26.1	19.7	10
	09 - 11	22.0	24.9	18.4	16.0	13.5	6.6	1.8	2.5	9.9	16.6	15.8	24.1	14.3	10
	12 - 14	15.5	17.3	10.4	6.9	5.5	1.6	1.1	1.1	3.6	9.1	8.4	18.2	8.2	10
	15 - 17	10.9	13.7	7.6	4.6	2.8	.8	.2	.1	2.8	6.9	5.8	14.4	5.9	10
	18 - 20	10.8	12.8	7.2	3.4	3.1	1.1	.4	.4	2.7	6.9	7.1	14.8	5.9	10
	21 - 23	14.8	15.8	10.4	7.0	4.2	1.9	.5	.4	2.6	9.9	10.9	19.2	8.1	10
	ALL	17.4	19.4	14.7	12.3	10.6	4.9	2.4	1.4	6.5	14.0	13.9	20.8	11.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	14.2	13.2	10.0	9.4	5.6	2.2	1.2	.5	3.7	11.5	10.2	19.5	8.4	10
	03 - 05	17.2	18.4	13.7	12.9	11.0	6.4	3.2	.8	6.4	15.8	14.8	20.8	11.8	10
	06 - 08	18.1	21.5	15.7	17.4	14.5	6.9	4.4	1.7	10.2	20.2	17.1	23.3	14.2	10
	09 - 11	16.0	18.1	10.9	10.1	7.2	3.0	1.3	.6	4.6	12.3	11.4	20.0	9.6	10
	12 - 14	10.6	12.2	6.5	4.4	2.6	.9	.5	.6	2.0	6.7	5.2	13.5	5.5	10
	15 - 17	8.0	9.1	4.6	2.0	1.7	.4	.0	.0	1.1	4.0	4.7	10.8	3.9	10
	18 - 20	8.5	9.0	4.3	2.0	1.3	.4	.2	.1	1.7	4.6	5.6	11.1	4.1	10
	21 - 23	11.1	11.7	4.8	3.4	2.0	1.7	.3	.1	1.9	7.2	7.6	14.6	5.5	10
	ALL	13.0	14.2	8.8	7.7	5.7	2.7	1.4	.6	3.9	10.3	9.6	16.7	7.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.3	2.5	1.0	.9	.0	.0	.1	.0	.1	1.1	2.3	3.3	1.3	10
	03 - 05	6.6	3.5	.9	1.1	.8	.2	.0	.0	.1	1.8	4.0	4.2	1.9	10
	06 - 08	6.3	3.7	1.5	2.3	1.1	.4	.0	.0	.6	3.2	9.6	5.1	2.5	10
	09 - 11	2.8	2.1	.6	.4	.5	.0	.0	.0	.1	1.6	2.1	2.9	1.1	10
	12 - 14	.6	.2	.5	.0	.0	.0	.0	.0	.0	.1	.9	1.0	.3	10
	15 - 17	1.3	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.7	1.9	.4	10
	18 - 20	1.9	1.4	.1	.1	.0	.0	.0	.0	.0	.1	1.0	2.9	.6	10
	21 - 23	2.2	3.1	.4	.7	.0	.0	.0	.0	.0	.5	1.7	3.0	1.0	10
	ALL	3.3	2.2	.7	.7	.3	.1	.0	.0	.1	1.1	2.3	3.0	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

BR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/1	0/2	0/3	0/1	0/0	0/0	0/0	0/7
120NM	0/0	0/0	0/0	0/0	0/0	0/4	1/3	2/8	1/3	0/0	0/0	0/0	4/18
240NM	0/0	0/0	0/0	0/0	0/0	7/10	6/11	11/18	7/13	0/2	0/0	0/0	31/54

REMARKS : @THE MAX TEMP FOR MARCH WAS VERIFIED BY ORIGINAL RECORD. SUMMARY OF DAY DATA - PART TIME, SEP 60 THRU JUN 7

AWS CLIMATIC BRIEF

JAMES CONNALLY/WACO, TEXAS

PERIOD: 1942-64

WBAN # 13928

Prepared by ETAC (MAR 1971)

W 31 38 W 97 04

ELEVATION: 479 FT STN LTRS:KMAO

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				PRESSURE ALTITUDE	99.95% FEET	MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (PEAK GUST)	0400 RELATIVE HUMIDITY (%)	1300 RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in)	PRECIP ≥ 0.01 in			PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)					
																								TEMPERATURE (°F)					
																								MAXIMUM		MINIMUM			
																								≥ 90	≥ 80	≤ 32	≤ 0		
JAN	90	57	37	-7	2.1	1.9	4	6	S	8	47	81	60	37	.22	900	7	1	#	#	1	12	#	1	10	#	6		
FEB	90	63	42	7	2.7	2.0	1	3	S	8	42	82	59	41	.26	1000	8	2	1	#	3	11	#	1	5	0	6		
MAR	93	69	47	14	2.4	3.4	#	1	S	9	61	78	52	44	.29	1050	7	1	#	0	3	9	#	5	2	0	6		
APR	98	77	56	33	3.4	2.8	0	0	S	9	54	81	53	53	.40	1000	7	2	0	0	5	8	1	13	0	0	6		
MAY	99	85	65	43	4.2	4.5	0	0	S	8	51	85	54	62	.56	850	7	3	0	0	6	8	5	25	0	0	6		
JUN	102	92	72	58	3.0	3.1	0	0	S	8	47	85	51	68	.69	750	6	2	0	0	6	4	24	1	0	0	5		
JUL	109	96	75	65	1.8	2.8	0	0	S	7	50	81	46	69	.71	650	4	1	0	0	4	2	28	1	0	0	4		
AUG	107	96	74	59	2.1	8.3	0	0	S	7	51	78	44	68	.69	700	4	2	0	0	4	2	27	31	0	0	4		
SEP	105	89	68	41	3.0	4.9	0	0	S	6	50	80	48	63	.58	750	6	2	0	0	3	6	17	27	0	0	4		
OCT	96	80	58	35	2.9	3.9	0	0	S	7	43	81	48	54	.42	1050	6	2	0	0	3	8	4	10	0	0	4		
NOV	89	68	46	20	2.3	3.5	#	#	S	8	45	79	51	44	.29	950	6	2	0	0	2	8	0	5	2	0	5		
DEC	85	60	39	13	2.4	2.6	#	1	S	8	43	80	57	38	.23	900	6	2	#	0	1	9	0	1	7	0	5		
ANN	109	78	57	-7	32.3	8.3	2	6	S	8	61	81	52	54	.42	950	74	22	1	#	41	87	107	107	26	#	5		
EYR	19	19	19	19	19	19	15	15	20	20	14	20	20	20	20	15	19	19	15	15	15	15	19	14	19	19	16		

REMARKS

Number Observed Within:
 (POR: 1900-1970) 60 NM
 (A) Hurricanes/Tropical Storms 120 NM
 (B) Hurricanes Only 240 NM
 RUSSWO POR: Brly Obs: 5/42-10/45, 12/48-12/64. Daily Obs: 5/42-10/45, 12/48-5/64.

NOTE: *DATA NOT AVAILABLE. *LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	32	31	27	26	20	9	3	2	9	12	21	27	18	
	03-05	37	36	35	33	33	23	10	7	19	19	26	30	26	
	06-08	41	41	37	43	41	34	17	14	24	24	30	33	32	
	09-11	39	40	34	38	33	28	14	13	23	23	27	32	29	
	12-14	32	34	26	26	17	9	5	5	11	14	20	27	19	
	15-17	26	25	18	14	10	4	2	2	6	8	14	22	13	
	18-20	24	21	15	10	7	4	1	1	5	7	12	20	11	
	21-23	26	22	16	15	8	3	1	1	5	8	14	22	12	
	ALL HOURS	32	31	26	26	21	14	7	6	13	14	20	27	20	20
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	23	21	14	12	9	4	2	2	5	7	12	18	10	
	03-05	27	26	21	21	16	12	5	5	12	13	16	22	16	
	06-08	31	30	25	27	25	21	11	10	18	18	21	27	22	
	09-11	29	29	21	18	12	7	4	4	11	12	17	23	16	
	12-14	20	20	12	8	5	2	1	1	3	5	8	17	9	
	15-17	17	14	8	6	4	2	1	1	3	3	7	14	7	
	18-20	16	13	7	6	3	2	#	1	2	4	7	13	6	
	21-23	18	13	9	7	4	2	#	#	2	5	8	15	7	
	ALL HOURS	23	21	15	13	10	6	3	3	7	8	12	18	11	20
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	17	15	8	6	3	2	1	1	3	3	8	13	7	
	03-05	21	19	13	9	7	6	2	2	7	8	12	16	10	
	06-08	23	22	17	15	11	8	6	6	11	13	15	20	14	
	09-11	22	20	14	8	5	2	1	2	4	7	10	17	9	
	12-14	14	11	6	4	3	1	#	#	2	2	6	12	5	
	15-17	12	8	5	4	2	1	#	#	1	2	6	8	4	
	18-20	11	8	4	4	2	1	#	#	1	2	5	8	4	
	21-23	14	10	5	4	2	1	#	#	1	2	5	14	5	
	ALL HOURS	17	14	9	7	4	3	1	2	4	5	8	13	7	20
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	4	2	2	#	#	#	0	#	#	#	1	3	1	
	03-05	6	4	3	1	1	#	#	#	1	1	3	4	2	
	06-08	7	5	3	1	1	0	#	0	1	2	4	5	2	
	09-11	4	3	1	#	#	0	0	0	#	#	1	2	1	
	12-14	1	#	#	#	0	#	0	0	0	0	#	1	#	
	15-17	1	#	#	#	#	0	0	0	0	0	#	#	#	
	18-20	2	1	#	#	0	0	0	0	0	0	#	1	#	
	21-23	3	2	1	0	#	0	0	0	0	0	1	2	1	
	ALL HOURS	3	2	1	1	0	0	0	0	0	1	1	2	1	20

A W S CLIMATIC BRIEF AUG 90	STATION NAME: KELLY AFB TX LATITUDE/LONGITUDE: 29 23 N 098 35 W HOURLY OBS POR: APR 80 - MAR 90 SUMMARY OF DAY POR: SEP 37 - MAR 90 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +06												FIELD ELEV: 690 FT STATION MSC: 722535 CALL SIGN: KSKF SUPERSEDES: NOV 85		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	90	96	101	108	104	107	108	107	104	100	93	89	108	54
	MEAN MAX TEMP (F)	62	66	74	80	86	92	95	95	90	82	71	64	80	54
	MEAN TEMP (F)	51	55	63	70	77	82	85	85	80	71	61	54	70	54
	MEAN MIN TEMP (F)	41	45	51	60	67	73	75	74	70	61	50	43	59	54
	EXTRM MIN TEMP (F)	4	9	21	31	46	55	62	59	41	34	21	9	4	54
	D/W TEMP GE 100 (F)	0	0	#	#	1	1	4	5	1	#	0	0	12	54
	D/W TEMP GE 90 (F)	#	1	1	3	9	22	28	27	17	4	1	31	144	54
	D/W TEMP LT 33 (F)	6	3	1	#	0	0	0	0	0	0	1	4	15	54
	D/W TEMP LT 20 (F)	1	#	0	0	0	0	0	0	0	0	0	1	2	54
	HEATING DEGREE DAYS	417	279	140	31	1	0	0	0	#	22	173	341	1404	53
	COOLING DEGREE DAYS	12	23	82	198	377	536	633	631	460	236	63	16	3267	53
	MEAN DEWPOINT TEMP (F)	38	41	48	52	63	68	68	69	65	58	49	39	55	10
	MEAN WET BULB TEMP (F)	45	48	55	60	68	72	73	74	70	63	55	46	61	10
	99.95% WCPA (FT)	1050	1150	1250	1150	1050	950	850	850	900	1000	1100	1150	1100	10
	MEAN REL HUM 07 LST(%)	72.2	75.2	75.8	72.5	78.9	79.7	79.8	81.9	80.6	78.8	76.7	70.9	76.9	10
	MEAN REL HUM 13 LST(%)	54.0	55.1	53.1	47.5	55.4	54.4	47.5	46.2	51.1	53.6	54.7	54.4	52.2	10
	MAX 24HR PRECIP (IN)	3.49	2.41	3.34	3.43	4.67	4.74	3.99	4.94	8.05	4.95	4.28	3.66	8.05	54
	MAX PRECIP (IN)	9.04	5.89	3.72	10.19	10.24	13.51	6.12	15.07	13.50	9.02	5.06	6.39	48.28	54
	MEAN PRECIP (IN)	1.44	1.74	1.35	2.36	3.61	3.08	1.61	2.62	3.77	3.13	1.85	1.34	28.08	54
	MIN PRECIP (IN)	.02	#	.03	.06	.08	#	#	#	.06	.00	#	.01	8.96	54
	D/W PRECIP GE .01 (IN)	7	7	6	7	8	6	4	5	6	6	6	7	75	54
	D/W PRECIP GT .50 (IN)	1	1	1	2	2	2	1	1	2	2	1	1	17	54
	MAX 24HR SNFL (IN)	13.7	2.5	#	0	0	0	0	0	0	0	#	#	13.7	44
	MAX SNFL (IN)	20.0	3.9	#	0	0	0	0	0	0	0	#	#	20.0	44
	MEAN SNFL (IN)	.6	.2	#	0	0	0	0	0	0	0	#	#	.8	44
	D/W SNFL GE .1 (IN)	1	1	0	0	0	0	0	0	0	0	0	0	2	44
	D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	0	0	#	44
	MAX DLY SN DEPTH (IN)	12	4	0	0	0	0	0	0	0	0	0	#	12	44
	PRVLNG WND DIR (DEG)	\$02-04	\$35-01	14-16	14-16	14-16	14-16	14-16	14-16	\$14-16	\$14-16	\$35-01	\$02-04	14-16	10
	MEAN WND SPD (KTS)	5	6	6	6	7	6	5	5	5	5	5	5	5	10
	MAX WND SPD (KTS)	55	50	55	57	66	65	51	70	50	60	59	69	70	43
	SKY COVER GT 5/10 (%)	56.4	57.3	56.1	56.4	62.1	49.7	35.7	36.0	40.4	45.8	54.1	56.0	50.4	10
	D/W THUNDERSTORMS	1	2	2	4	6	5	3	5	4	3	1	1	37	41
	D/W FOG (VSBY LT 7 MI)	13	12	12	13	13	6	3	3	8	11	12	12	118	41
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST													
	00 - 02	30.4	35.9	39.6	35.2	41.6	34.7	12.6	11.1	21.1	30.1	36.6	33.4	30.2
	03 - 05	34.9	43.5	48.7	47.2	59.7	57.7	42.0	32.2	37.7	39.2	45.0	37.8	43.8
	06 - 08	37.2	44.0	49.6	49.3	59.2	60.4	47.4	39.7	40.4	43.9	46.1	39.8	46.4
	09 - 11	33.7	43.5	44.6	41.6	42.9	32.6	15.6	14.6	25.2	34.7	40.9	38.6	34.0
	12 - 14	26.9	33.6	27.5	20.8	16.5	7.4	2.3	1.6	5.4	13.5	23.4	27.4	17.2
	15 - 17	18.5	21.9	13.2	9.6	5.9	3.6	.9	1.1	2.7	6.9	14.0	21.1	9.9
	18 - 20	17.0	18.4	12.3	8.7	7.7	1.3	.5	1.0	3.3	6.3	16.2	21.1	9.5
	21 - 23	24.2	27.0	25.4	18.0	18.8	7.4	1.7	2.0	5.6	16.7	24.1	27.0	16.5
	ALL	27.8	33.5	32.6	28.8	31.5	25.6	15.4	12.9	17.7	23.9	30.8	30.8	25.9
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	19.0	25.9	28.0	23.1	26.8	15.3	5.8	6.0	11.2	17.5	24.3	23.4	18.9
	03 - 05	23.5	33.1	36.0	31.2	41.7	34.8	27.5	19.7	23.4	25.3	30.4	26.7	29.4
	06 - 08	26.0	34.3	37.8	33.7	36.6	33.6	30.0	24.3	26.2	31.4	31.8	27.8	31.1
	09 - 11	23.1	30.9	27.3	19.4	14.4	6.3	2.9	2.7	7.3	17.2	24.4	24.9	16.7
	12 - 14	14.2	18.4	10.4	5.9	3.5	1.6	.6	.4	.8	4.7	9.2	13.7	6.9
	15 - 17	8.8	12.2	4.7	3.0	1.3	1.8	.3	.9	.9	2.5	5.7	11.2	4.4
	18 - 20	8.9	10.9	4.3	3.3	1.7	.6	.3	.6	1.6	2.3	5.6	11.5	4.3
	21 - 23	13.1	17.0	13.2	8.3	6.3	2.6	.6	1.3	2.1	6.9	12.2	18.4	8.5
	ALL	17.1	22.8	20.2	16.0	16.5	12.1	8.5	7.0	9.2	13.5	18.0	19.7	15.0
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	14.9	16.9	15.4	8.6	7.5	5.4	1.0	.9	2.2	6.2	14.4	17.7	9.3
	03 - 05	18.0	23.4	21.7	15.9	16.6	15.1	4.3	1.9	5.0	12.8	21.2	21.2	14.8
	06 - 08	20.4	24.0	26.3	20.6	15.7	12.3	6.3	3.4	8.1	15.8	22.1	21.1	16.3
	09 - 11	16.1	18.9	14.6	7.3	4.7	1.1	.5	.5	1.0	7.1	14.6	16.6	8.6
	12 - 14	7.7	9.0	4.2	1.9	1.8	.3	.0	.1	.4	1.5	4.2	8.3	3.3
	15 - 17	4.7	7.7	2.3	.9	.3	.4	.1	.4	.4	.8	2.3	6.7	2.2
	18 - 20	6.2	7.9	2.9	1.7	.5	.4	.0	.3	.4	1.4	3.2	6.2	2.6
	21 - 23	9.6	9.2	5.4	3.3	1.5	.9	.2	.5	.4	2.0	8.0	10.4	4.3
	ALL	12.2	14.6	11.6	7.5	6.1	4.5	1.6	1.0	2.3	6.0	11.3	13.5	7.6
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.9	1.1	.5	.0	.2	.0	.0	.0	.0	.1	1.2	3.3	.8
	03 - 05	4.4	1.8	1.2	.9	.1	.0	.0	.0	.0	.4	4.0	5.9	1.6
	06 - 08	5.4	3.0	1.2	1.2	.0	.0	.0	.0	.0	1.1	4.7	4.9	1.8
	09 - 11	3.0	1.1	.1	.0	.0	.0	.0	.0	.0	.0	1.3	2.5	.7
	12 - 14	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0
	15 - 17	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	18 - 20	.4	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.5	.1
	21 - 23	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	.3
	ALL	2.2	1.0	.4	.3	.0	.0	.0	.0	.0	.2	1.4	2.3	.7

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/2	1/2	0/1	0/1	0/0	0/0	0/0	1/6
120NM	0/0	0/0	0/0	0/0	0/0	4/7	2/6	1/5	2/4	0/1	0/0	0/0	9/23
240NM	0/0	0/0	0/0	0/0	0/0	7/10	7/12	14/19	10/13	1/2	0/0	0/0	39/56

REMARKS : NONE

Prepared by ETAC (AUG 1970)

27 33 W 99 28

ELEVATION 518

WMO * 72252

USTN LTRS: KLD

ELEVATION 518 (1) STN LTRS: KLD

REMARKS

RUSSMO POR: Hourly Obs: Jan 43-Feb 45, Sep 46-Aug 67

Daily Obs: Jan 43-Feb 45, Sep 46-Feb 65, Apr 65-Dec 65, Feb 66-May 66

NOTE: *DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE

A W S CLIMATIC BRIEF AUG 92	STATION NAME: LAUGHLIN AFB/DEL RIO TX LATITUDE/LONGITUDE: 29 22 N 100 47 W HOURLY OBS FOR: JAN 82 - DEC 91 SUMMARY OF DAY FOR: FEB 43-SEP 45, APR 51-DEC 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +06												FIELD ELEV: 1082 FT STATION MSC: 722615 CALL SIGN: RDLF SUPERSEDES: MAY 87			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
	EXTREM MAX TEMP (F)	88	93	102	104	107	111	110	108	106	102	95	90	111	42	
	MEAN MAX TEMP (F)	61	66	74	82	87	93	96	95	89	81	70	63	80	42	
	MEAN TEMP (F)	51	56	63	71	77	83	86	85	80	71	60	53	70	42	
	MEAN MIN TEMP (F)	41	45	52	60	67	73	75	75	70	61	50	42	59	42	
	EXTREM MIN TEMP (F)	8	16	25	30	44	51	64	61	49	33	22	14	8	42	
	D/W TEMP GE 100 (F)	0	0	#	1	1	4	7	6	1	#	0	0	20	42	
	D/W TEMP GE 90 (F)	0	1	1	6	12	23	28	27	17	3	1	#	119	42	
	D/W TEMP LT 33 (F)	6	3	1	#	0	0	0	0	0	0	1	4	15	42	
	D/W TEMP LT 20 (F)	1	#	0	0	0	0	0	0	0	0	0	1	2	42	
	HEATING DEGREE DAYS	432	268	130	28	#	0	0	0	1	27	186	363	1435	38	
	COOLING DEGREE DAYS	4	21	80	207	397	557	636	639	470	228	44	5	3288	38	
	MEAN DEWPOINT TEMP (F)	35	38	42	49	60	65	65	65	62	55	45	36	51	10	
	MEAN WET BULB TEMP (F)	43	47	52	58	66	71	71	71	68	61	53	45	59	10	
	99.95% WCPA (FT)	1500	1550	1650	1600	1550	1400	1300	1300	1400	1450	1500	1550	1550	10	
	MEAN REL HUM 07 LST(%)	70.7	70.4	69.5	69.7	76.0	76.4	75.1	74.6	77.7	77.7	74.7	70.3	73.6	10	
	MEAN REL HUM 13 LST(%)	49.1	48.4	45.3	44.3	50.2	50.2	47.2	45.7	51.1	51.7	50.9	50.4	48.7	10	
	MAX 24HR PRECIP (IN)	2.07	2.42	1.61	3.51	5.72	4.67	6.46	3.74	4.61	5.80	2.84	1.20	6.46	38	
	MAX PRECIP (IN)	4.25	3.42	2.63	7.89	8.62	8.54	15.17	7.49	7.61	8.37	5.90	2.84	35.62	38	
	MEAN PRECIP (IN)	.66	.95	.70	1.86	2.51	2.55	2.26	1.53	2.14	2.55	1.00	.69	19.70	38	
	MIN PRECIP (IN)	#	#	#	#	.02	.01	#	.00	.02	#	#	#	4.66	38	
	D/W PRECIP GE .01 (IN)	5	4	4	5	7	5	4	3	5	5	4	5	56	38	
	D/W PRECIP GT .50 (IN)	1	1	1	1	2	2	2	2	2	2	1	1	14	38	
	MAX 24HR SNFL (IN)	9.0	5.5	1.4	0	0	0	0	0	0	0	#	#	9.0	41	
	MAX SNFL (IN)	11.5	5.5	1.4	0	0	0	0	0	0	0	#	#	11.5	41	
	MEAN SNFL (IN)	.4	.2	#	0	0	0	0	0	0	0	#	#	.7	41	
	D/W SNFL GE .1 (IN)	1	#	#	0	0	0	0	0	0	0	0	0	1	41	
	D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	0	0	#	41	
	MAX DLY SNO DEPTH (IN)	10	3	1	0	0	0	0	0	0	0	0	0	10	41	
	PRVING WND DIR (DEG)	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	11-13	10	
	MEAN WND SPD (KTS)	5	6	7	7	8	7	7	6	6	5	5	5	6	10	
	MAX WND SPD (KTS)	47	51	47	97	72	71	62	73	60	63	46	53	97	33	
	SKY COVER GT 5/10 (%)	50.0	48.0	46.6	48.7	54.0	43.5	36.5	31.7	42.1	41.1	47.3	51.5	45.1	10	
	D/W THUNDERSTORMS	1	1	2	4	7	5	3	3	3	3	1	1	34	38	
	D/W FOG (VSBY LT 7 MI)	11	9	8	8	7	3	1	1	3	7	9	10	77	38	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	19.2	20.2	16.2	15.1	14.8	7.0	4.0	1.4	6.0	9.6	15.7	24.0	12.8	10
	03 - 05	26.0	29.2	28.2	30.8	34.1	24.4	9.1	4.5	16.1	22.9	29.4	30.0	23.7	10
	06 - 08	31.5	34.5	38.2	39.3	46.6	40.6	27.8	13.5	30.7	39.4	41.7	34.9	34.9	10
	09 - 11	32.2	37.0	36.7	35.6	41.0	36.3	25.6	17.6	32.2	37.8	41.9	33.1	33.9	10
	12 - 14	23.3	28.1	21.4	15.9	14.7	7.7	3.3	1.9	8.0	16.6	22.2	26.1	15.8	10
	15 - 17	15.9	16.7	10.0	6.4	4.9	1.4	1.1	.5	2.0	7.2	9.3	18.5	7.8	10
	18 - 20	14.9	13.5	6.8	5.2	3.1	.9	.5	.1	2.0	5.9	7.8	16.4	6.4	10
	21 - 23	16.5	15.8	8.6	7.0	4.4	1.1	1.4	.2	2.8	5.6	8.7	17.5	7.5	10
	ALL	22.4	24.4	20.8	19.4	20.5	14.9	9.1	5.0	12.5	18.1	22.1	25.1	17.8	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	12.7	12.2	8.9	6.0	5.6	2.0	1.7	.6	1.4	4.1	9.3	13.3	6.5	10
	03 - 05	18.0	20.2	18.1	16.3	13.4	6.9	3.5	1.4	5.6	10.6	17.4	19.9	12.6	10
	06 - 08	24.4	27.0	28.4	25.9	25.3	14.7	8.8	2.8	11.9	20.6	29.7	25.6	20.4	10
	09 - 11	24.3	27.5	24.9	16.3	14.0	8.0	5.6	1.3	8.4	18.1	28.7	24.2	16.8	10
	12 - 14	14.4	15.8	9.0	5.3	4.0	.8	.5	.1	1.3	4.9	9.1	16.8	6.8	10
	15 - 17	9.5	6.6	2.8	2.7	1.5	.1	.4	.3	.4	2.5	3.2	10.1	3.3	10
	18 - 20	7.7	5.7	3.1	2.3	1.0	.1	.1	.0	.6	2.2	2.9	10.0	3.0	10
	21 - 23	9.1	7.9	4.7	2.2	2.2	.3	.6	.1	.7	2.3	4.7	10.1	3.7	10
	ALL	15.0	15.4	12.5	9.6	8.4	4.1	2.7	.8	3.8	8.2	13.1	16.3	9.1	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	9.5	6.9	5.3	3.4	1.6	.4	.4	.2	.6	2.6	7.0	10.1	4.0
03 - 05		15.1	13.6	12.2	9.1	5.9	3.2	1.5	.4	2.3	5.2	13.3	15.8	8.1	10
06 - 08		17.7	19.4	18.8	17.1	11.9	5.9	2.9	.4	3.3	11.1	21.2	19.9	12.5	10
09 - 11		17.1	20.3	15.7	8.2	4.7	1.7	1.2	.1	.9	8.3	18.8	17.7	9.6	10
12 - 14		8.5	9.0	4.2	2.4	1.5	.3	.2	.0	.4	1.9	4.8	11.6	3.7	10
15 - 17		6.0	3.3	1.8	1.8	.5	.0	.1	.1	.1	1.1	1.6	7.3	2.0	10
18 - 20		5.5	3.7	1.7	.9	.5	.0	.1	.0	.2	1.1	2.0	6.8	1.9	10
21 - 23		6.6	3.9	2.7	1.1	1.1	.1	.0	.0	.3	1.3	3.4	6.8	2.3	10
ALL		10.7	10.0	7.8	5.5	3.5	1.5	.8	.2	1.0	4.1	9.0	12.0	5.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	1.1	.5	.4	.1	.0	.0	.0	.0	.0	.2	.7	1.9	.4
	03 - 05	3.3	2.4	.8	.3	.1	.0	.0	.0	.0	.2	3.1	4.2	1.2	10
	06 - 08	4.8	4.3	1.2	.8	.1	.0	.0	.0	.0	.6	4.7	5.4	1.8	10
	09 - 11	2.7	1.9	.2	.1	.0	.2	.0	.0	.0	.0	1.4	3.4	.8	10
	12 - 14	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.1	10
	15 - 17	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.1	10
	18 - 20	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	10
	21 - 23	.8	.2	.2	.1	.0	.0	.0	.0	.0	.2	.4	.5	.2	10
	ALL	1.8	1.2	.4	.2	.0	.0	.0	.0	.0	.2	1.3	2.1	.6	10
	HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986														
HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		
60NM	0/0	0/0	0/0	0/0	0/0	0/1	1/1	0/1	0/0	0/0	0/0	0/0	1/3		
120NM	0/0	0/0	0/0	0/0	0/0	0/3	1/4	0/1	0/2	0/0	0/0	0/0	1/10		
240NM	0/0	0/0	0/0	0/0	0/0	6/10	3/10	1/12	3/8	1/1	0/0	0/0	14/41		
REMARKS : 0															

PREPARED BY OCTOBER 1982			STATION NAME: LUBBOCK REGIONAL ARPT TX LOCATION: N33 40 W101 50			PERIOD: JAN 49-DEC 81 ELEV: 3261 FT			STN LTR: LBB RNC NO: 722670																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				RELATIVE HUMIDITY (%)		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX		WIND MIN		WIND RANGE		WIND DIRECTION		WIND SPEED		WIND GUST		WIND AVERAGE		WIND MAX	

PREPARED BY: USAFETAC HAY 1987		STATION NAME: RANDOLPH AFB TX LOCATION: N29 32 M098 17		PERIOD: APR 38-JAN 87 ELEV: 762 FT		RND RNC NO: 722536									
AWS CLIMATIC BRIEF				MEAN											
MONTH	TEMPERATURE (°F)		PRECIPITATION (IN)		SHOWFALL (IN)		RELATIVE HUMIDITY (%)								
	DAILY		MONTHLY		MONTHLY										
	MAX	MIN	MEAN	MAX	MEAN	MAX									
JAN	60	40	51	9.0	1.7	8.0	1.1								
FEB	65	44	55	9.5	2.0	6.7	1.1								
MAR	72	50	62	9.9	2.1	5.9	1.1								
APR	79	59	69	9.8	3.3	10.2	1.1								
MAY	85	65	75	10.1	4.2	13.3	2.2								
JUN	91	71	81	10.5	5.3	11.6	8.0								
JUL	94	73	84	10.7	6.0	8.6	8.0								
AUG	94	73	84	10.6	5.8	8.6	8.0								
SEP	89	69	79	10.2	4.3	15.5	8.0								
OCT	81	60	70	9.6	3.4	11.4	8.0								
NOV	70	49	60	8.9	1.9	7.3	8.0								
DEC	64	43	53	9.0	1.8	8.1	8.0								
ANN	79	58	69	10.7	8.0	15.5	8.0								
AVE	80	58	69	10.7	4.8	10.0	8.0								
REMARKS: RUSSO FOR: NUMBER OBSERVED WITHIN: JUN JUL AUG SEP OCT ANN HOURLY OBS: FEB 77-JAN 87 (1900-1982) 0/1 0/0 0/0 0/0 0/1 SUMMARY OF DAY DATA: APR 38-JAN 87 (A) Hurricanes 0/6 1/6 0/5 2/3 0/0 3/20 (B) Tropical Storms 6/10 6/11 8/17 10/14 1/2 31/54															
NOTE: DATA NOT AVAILABLE = AMTS < UNITS SHOWN IN MEASURING ** INSTANTANEOUS PEAK VALUES % CALM BETWEEN PEAK VALUES 3 BASED ON < FULL MONTHS															
CAV FREQ (%)	MRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	AVE
00-02	36	37	39	44	50	37	16	13	25	32	40	36	34		
03-05	38	42	48	55	61	58	40	34	45	40	44	42	46		
06-08	41	47	49	57	64	63	49	42	49	46	46	45	50		
09-11	37	44	42	45	48	30	14	17	28	35	41	41	35		
12-14	30	33	27	23	21	7	4	3	10	13	27	32	19		
15-17	25	23	15	12	11	3	3	2	5	8	18	23	12		
18-20	24	20	15	11	11	3	1	1	5	8	21	23	12		
21-23	29	29	24	25	25	10	2	2	8	19	29	29	19		
ALL MRS	33	34	32	36	36	26	14	16	22	25	33	34	28		10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	25	26	29	28	31	21	7	8	15	21	26	26		
03-05	24	32	36	35	43	40	27	23	33	29	31	32	33		
06-08	30	36	36	39	44	42	32	27	36	35	35	35	36		
09-11	28	33	26	24	19	7	5	4	12	18	26	31	19		
12-14	19	20	12	9	6	2	1	1	3	5	14	18	9		
15-17	16	13	6	5	4	1	1	1	2	4	9	13	6		
18-20	15	13	6	4	3	1	1	1	2	4	10	14	6		
21-23	19	19	14	12	10	4	1	1	4	9	17	21	11		
ALL MRS	23	24	21	20	20	15	9	8	13	16	21	24	18		10
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	20	21	18	14	15	9	1	2	7	9	18	22		
03-05	23	25	26	25	28	23	14	8	17	18	23	25	21		
06-08	24	30	27	29	30	23	13	7	23	27	27	27	24		
09-11	22	23	18	12	8	2	2	1	3	9	17	22	12		
12-14	14	12	7	5	2	1	1	1	1	2	8	12	5		
15-17	11	8	4	3	1	1	1	1	1	2	6	9	4		
18-20	12	9	4	3	1	1	1	1	2	2	7	9	4		
21-23	15	13	7	5	3	1	1	1	2	3	10	14	6		
ALL MRS	18	18	14	12	11	8	4	7	7	9	15	18	11		10
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	5	2	2	1	1	1	1	0	1	1	5	2		
03-05	7	4	3	2	1	1	1	1	1	1	4	7	3		
06-08	7	7	3	3	1	1	1	1	2	4	7	7	3		
09-11	4	2	1	1	1	0	0	0	0	1	3	4	1		
12-14	1	1	0	0	0	0	0	0	0	0	1	1	1		
15-17	1	1	0	0	0	0	0	0	0	0	1	1	1		
18-20	1	1	0	0	0	0	0	0	0	0	1	1	1		
21-23	2	2	1	1	1	0	0	0	0	2	2	2	1		
ALL MRS	3	2	1	1	1	0	0	0	0	1	3	3	1		10

A W S CLIMATIC BRIEF	STATION NAME: REESE AFB TX												FIELD ELEV: 3338 FT	
	LATITUDE/LONGITUDE: 33 36 N 102 03 W												STATION MSC: 722675	
	HOURLY OBS POR: SEP 79 - AUG 89												CALL SIGN: KREE	
	SUMMARY OF DAY POR: MAR 42-JAN 46, JAN 50-FEB 61, FEB 75-AUG 89 (FULL TIME), MAR 61-JAN 75 (PART TIME)													
MAR 90	HOURS SUMMARIZED: 0000 - 2300 LST													
	LST TO UTC: +06												SUPERSEDES: JUL 85	
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	81	86	94	101	109	110	109	107	100	99	88	80	110	44
MEAN MAX TEMP (F)	53	57	65	74	82	89	91	89	82	74	62	54	73	44
MEAN TEMP (F)	40	44	51	61	69	77	79	78	71	61	50	42	60	44
MEAN MIN TEMP (F)	27	30	37	47	56	65	68	66	59	48	37	29	48	44
EXTRM MIN TEMP (F)	-9	-6	9	19	28	46	54	50	33	26	1	1	-9	44
D/W TEMP GE 100 (F)	0	0	0	#	1	2	2	1	#	0	0	0	6	44
D/W TEMP GE 90 (F)	0	0	1	2	7	16	20	17	7	1	0	0	71	44
D/W TEMP LT 33 (F)	23	17	10	2	#	0	0	0	0	1	10	22	85	44
D/W TEMP LT 20 (F)	6	3	1	#	0	0	0	0	0	0	1	3	14	44
HEATING DEGREE DAYS	758	583	437	179	43	3	#	#	21	151	464	705	3344	33
COOLING DEGREE DAYS	0	#	3	46	168	377	452	417	222	43	1	#	1729	33
MEAN DEWPOINT TEMP (F)	23	27	30	36	48	58	58	60	54	44	31	26	41	10
MEAN WET BULB TEMP (F)	33	36	42	49	57	65	66	66	61	52	41	35	50	10
99.95% WCPA (FT)	3600	3650	3750	3700	3600	3450	3300	3300	3450	3500	3650	3650	3600	10
MEAN REL HUM 07 LST(%)	68.9	70.9	66.2	63.0	70.4	77.9	69.1	74.6	74.9	74.2	68.0	70.5	70.7	10
MEAN REL HUM 13 LST(%)	46.3	47.1	36.6	33.3	40.4	47.3	41.2	47.7	48.2	45.6	42.7	50.2	43.9	10
MAX 24HR PRECIP (IN)	1.23	1.81	1.54	1.92	2.40	3.70	3.59	2.59	4.46	3.62	1.17	.76	4.46	37
MAX PRECIP (IN)	2.62	2.17	2.45	3.72	8.80	7.13	7.47	6.57	7.29	7.02	1.94	2.24	28.69	37
MEAN PRECIP (IN)	.53	.57	.63	1.11	2.52	2.52	2.37	2.15	2.59	2.03	.58	.54	17.71	37
MIN PRECIP (IN)	.00	#	#	#	.11	.18	.08	.01	#	.00	#	#	9.48	37
D/W PRECIP GE .01 (IN)	3	3	3	4	7	6	6	6	6	5	3	3	55	37
D/W PRECIP GT .50 (IN)	1	1	1	1	2	2	2	2	2	1	1	1	17	37
MAX 24HR SNFL (IN)	10.3	18.1	7.0	3.3	0	0	0	0	0	5.7	11.0	7.0	18.1	34
MAX SNFL (IN)	20.5	21.2	17.2	6.6	0	0	0	0	0	8.9	19.7	10.6	33.7	34
MEAN SNFL (IN)	3.0	3.6	1.0	.2	0	0	0	0	0	.3	1.7	2.4	11.7	34
D/W SNFL GE .1 (IN)	1	2	1	#	0	0	0	0	0	#	1	1	6	34
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	#	1	1	5	34
MAX DLY SNO DEPTH (IN)	13	18	7	4	0	0	0	0	0	4	10	7	18	34
PRVLNG WND DIR (DEG)	23-25	20-22	17-19	20-22	17-19	17-19	17-19	17-19	17-19	20-22	20-22	20-22	17-19	10
MEAN WND SPD (KTS)	8	9	10	10	10	9	7	6	7	7	8	8	8	10
MAX WND SPD (KTS)	54	58	64	62	60	68	60	52	45	52	59	56	68	35
SKY COVER GT 5/10 (%)	43.0	47.4	42.0	36.9	41.0	41.1	30.0	37.6	38.0	36.7	36.0	44.3	39.7	10
D/W THUNDERSTORMS	1	#	1	3	7	7	6	6	4	2	1	1	39	39
D/W FOG (VSBY LT 7 MI)	6	7	5	4	5	3	2	3	7	7	6	5	60	39
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	16.5	19.6	12.8	7.4	10.5	6.0	1.3	3.4	10.9	13.1	13.2	20.6	11.3	10
	03 - 05	18.3	24.3	14.0	11.8	16.7	9.9	2.8	4.1	13.8	19.5	15.9	21.6	14.4	10
	06 - 08	19.7	28.9	18.8	14.6	21.0	16.7	4.9	6.9	17.2	24.7	19.3	21.5	17.8	10
	09 - 11	18.0	28.0	17.4	13.6	15.1	14.8	4.9	8.7	19.2	22.8	19.6	21.4	17.0	10
	12 - 14	15.6	23.6	12.8	11.7	9.0	5.8	2.2	4.9	13.1	15.6	14.1	19.8	12.3	10
	15 - 17	13.4	18.6	11.5	9.6	4.8	2.2	.4	2.9	7.3	11.3	12.2	18.4	9.4	10
	18 - 20	13.3	15.7	8.2	6.1	3.4	2.3	1.1	2.6	6.7	10.5	11.2	17.5	8.2	10
	21 - 23	15.7	18.1	8.6	5.7	4.9	3.8	.4	3.0	7.4	11.5	11.7	18.2	9.1	10
	ALL	16.3	22.1	13.0	10.0	10.8	7.7	2.3	4.6	12.0	16.1	14.7	19.9	12.4	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	12.4	15.3	7.5	4.3	5.7	4.0	.6	2.8	7.2	10.5	9.6	15.3	7.9	10
	03 - 05	15.4	19.8	9.5	7.6	11.0	6.1	1.8	3.7	10.2	15.3	11.9	16.8	10.8	10
	06 - 08	16.2	24.3	14.2	9.9	14.7	10.6	2.5	4.7	12.2	19.7	15.4	17.4	13.5	10
	09 - 11	15.9	22.9	12.3	8.0	9.5	6.7	2.6	5.2	11.8	17.0	14.1	16.9	11.9	10
	12 - 14	13.2	16.8	7.6	7.8	3.0	1.0	.5	2.0	6.2	8.5	9.9	14.5	7.6	10
	15 - 17	9.4	11.3	6.7	5.7	2.5	.3	.1	.6	4.2	5.4	7.3	12.8	5.5	10
	18 - 20	9.4	10.8	4.7	3.1	1.8	.9	.9	1.5	4.4	6.2	7.9	11.6	5.3	10
	21 - 23	11.9	12.2	4.4	2.8	3.1	1.8	.2	1.7	4.9	8.1	8.1	13.3	6.1	10
	ALL	13.0	16.7	8.4	6.1	6.4	3.9	1.2	2.8	7.7	11.3	10.5	14.9	8.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.2	11.9	4.3	3.9	3.8	2.8	.5	2.0	6.1	8.1	6.7	13.1	6.1	10
	03 - 05	12.4	15.7	5.9	4.7	7.0	4.4	.6	2.3	8.4	13.1	9.0	13.1	8.0	10
	06 - 08	13.9	19.0	9.0	7.4	9.4	7.4	1.4	3.4	9.9	15.6	12.3	14.4	10.3	10
	09 - 11	13.6	15.9	8.3	5.6	3.8	3.0	.6	3.1	7.6	12.4	10.3	13.6	8.1	10
	12 - 14	9.2	10.6	4.4	4.7	1.2	.2	.2	.9	4.4	6.0	7.1	10.1	4.9	10
	15 - 17	7.1	7.4	4.6	3.9	1.3	.2	.1	.0	3.0	3.7	5.3	8.1	3.7	10
	18 - 20	8.0	7.7	2.8	2.0	.9	.7	.3	.9	3.0	4.5	6.1	8.0	3.7	10
	21 - 23	10.2	8.8	2.2	2.0	1.8	1.3	.0	1.7	3.8	6.2	5.6	10.9	4.5	10
	ALL	10.6	12.1	5.2	4.3	3.6	2.5	.5	1.8	5.8	8.7	7.8	11.4	6.1	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.2	2.2	1.1	.1	.2	.1	.0	.0	.7	1.3	1.8	.9	.8	10
	03 - 05	1.3	4.4	1.4	.2	.2	.3	.0	.0	.8	3.8	2.2	2.7	1.4	10
	06 - 08	2.6	6.0	2.6	.2	.9	.2	.0	.0	.8	3.0	3.7	4.3	2.0	10
	09 - 11	1.6	2.4	.8	.0	.0	.0	.0	.0	.1	1.0	2.1	3.0	.9	10
	12 - 14	.5	.6	.4	.3	.0	.1	.0	.0	.0	.0	.9	1.4	.3	10
	15 - 17	.8	.5	.5	.4	.0	.0	.0	.0	.0	.0	.6	1.2	.3	10
	18 - 20	1.5	.6	.4	.0	.1	.0	.0	.1	.1	.1	1.2	1.2	.4	10
	21 - 23	1.4	.7	.6	.0	.3	.1	.0	.0	.3	1.0	1.0	1.6	.6	10
	ALL	1.4	2.2	1.0	.2	.2	.1	.0	.0	.3	1.3	1.7	2.1	.9	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : ALL SUMMARY OF DAY (SOD) DATA DERIVED EXCLUSIVELY FROM REESE AFB TX.															

[illegible]

STN LTRS: MIF
RMC NO: 726755

A W S	STATION NAME: DUGWAY PROVING GROUNDS/MICHAEL AAF UT												FIELD ELEV: 4349 FT	
CLIMATIC BRIEF (LIMITED)	LATITUDE/LONGITUDE: 40 12 N 112 56 W												STATION MSC: 690110	
	HOURLY OBS POR: 6005-7012, 7301-7606, 8401-9004												CALL SIGN: KDPG	
	SUMMARY OF DAY POR: 4306-4601, 4912-6702 (FULL TIME), 6703-7606, 8407-9004 (PART TIME - CLOSED WEEKENDS)													
	HOURS SUMMARIZED: 00-23 LST (EXCEPT VARIABLE HOURS 6703-7606 AND 06-17 LST 8401-9004)													
AUG 90	LST TO UTC: +07												SUPERSEDES: JUN 74	
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
Q EXTRM MAX TEMP (F)	66	70	75	85	97	107	109	105	101	89	78	64	109	44
MEAN MAX TEMP (F)	38	44	52	62	73	83	94	91	80	67	50	39	65	36
MEAN TEMP (F)	27	34	40	50	60	69	78	76	65	53	39	29	52	36
MEAN MIN TEMP (F)	17	24	28	36	46	54	63	60	49	38	27	19	38	36
Q EXTRM MIN TEMP (F)	-25	-27	-6	13	21	31	27	39	27	17	-8	-17	-27	44
D/W TEMP GE 100 (F)	0	0	0	0	0	1	4	1	#	0	0	0	6	36
D/W TEMP GE 90 (F)	0	0	0	#	1	10	25	21	5	0	0	0	62	36
D/W TEMP LT 33 (F)	28	23	22	10	2	#	#	0	1	8	22	28	144	36
D/W TEMP LT 0 (F)	3	1	#	0	0	0	0	0	0	0	1	1	6	36
Q Q HEATING DEGREE DAYS	1131	864	764	433	186	39	#	3	74	352	775	1082	5703	16
Q Q COOLING DEGREE DAYS	0	0	0	2	46	192	449	376	123	8	0	0	1196	16
MEAN DEWPOINT TEMP (F)	16	22	22	26	31	37	40	41	34	29	26	20	29	20
MEAN WET BULB TEMP (F)	23	30	33	40	47	53	59	57	50	42	34	25	41	20
99.95% WCPA (FT)	4950	4900	4950	4950	4800	4750	4550	4550	4700	4750	4800	4900	4850	20
MEAN REL HUM 07 LST(%)	74.7	75.3	68.3	60.1	51.2	45.4	39.1	44.0	50.3	60.2	71.9	78.4	59.4	20
MEAN REL HUM 13 LST(%)	57.9	52.8	40.9	33.4	27.5	25.0	19.8	21.8	26.7	34.3	47.2	62.4	37.3	20
Q MAX 24HR PRECIP (IN)	.79	.84	2.84	.95	.96	1.15	1.11	1.01	1.17	1.02	.95	.71	2.84	44
Q MAX PRECIP (IN)	1.54	1.58	4.86	1.95	2.96	2.46	1.89	1.89	3.16	2.00	1.48	2.33	15.07	44
MEAN PRECIP (IN)	.48	.55	.73	.80	.70	.76	.35	.51	.44	.50	.51	.60	6.86	36
Q MIN PRECIP (IN)	#	.01	#	.08	.04	.00	#	#	.00	.00	#	#	3.27	44
D/W PRECIP GE .01 (IN)	5	5	5	6	5	4	4	4	3	4	4	6	55	36
D/W PRECIP GT .50 (IN)	#	1	1	1	1	1	1	#	1	1	#	#	8	36
MAX 24HR SNFL (IN)	5.7	5.1	4.8	4.0	3.7	#	0	0	#	1.0	6.0	4.4	6.0	36
Q MAX SNFL (IN)	10.0	11.8	15.6	7.8	6.4	#	0	0	#	7.0	8.2	15.6	28.4	44
MEAN SNFL (IN)	3.9	3.3	3.5	1.3	.5	#	0	0	0	.1	2.0	3.7	18.9	36
D/W SNFL GE .1 (IN)	4	3	2	1	1	0	0	0	0	1	2	3	17	36
D/W SNFL GE 1.5 (IN)	1	1	1	1	#	0	0	0	0	0	1	1	6	36
Q MAX DLY SNO DEPTH (IN)	8	10	9	3	2	0	0	0	0	1	7	12	12	44
PRVING WND DIR (DEG)	\$14-16	\$14-16	\$17-19	17-19	\$17-19	\$17-19	17-19	\$17-19	\$14-16	\$14-16	\$14-16	\$14-16	\$17-19	20
MEAN WND SPD (KTS)	4	4	6	6	6	5	5	5	5	4	4	3	5	20
MAX WND SPD (KTS)	64	50	59	81	62	58	62	56	52	54	68	45	81	27
SKY COVER GT 5/10 (%)	59.5	58.7	56.6	57.9	50.4	36.9	29.5	29.5	28.3	35.0	54.4	61.5	46.3	20
D/W THUNDERSTORMS	#	#	1	1	2	2	4	4	2	1	1	1	19	33
D/W FOG (VSBY LT 7 MI)	6	4	2	2	1	1	0	#	1	1	2	7	27	33
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	9.1	4.1	4.1	3.7	1.1	.5	.0	.0	.0	.5	4.3	17.7	3.8	7
	03 - 05	9.0	4.6	3.6	2.8	1.3	.6	.0	.0	.2	.4	3.5	17.6	3.6	14
	06 - 08	11.8	7.6	5.6	4.7	1.9	1.1	.0	.1	.1	1.1	3.3	18.0	4.6	20
	09 - 11	11.4	8.2	5.7	5.1	2.5	.9	.1	.0	.5	2.6	4.5	16.3	4.8	20
	12 - 14	10.0	8.5	5.5	5.1	2.5	.8	.1	.0	1.4	2.4	3.3	12.8	4.4	20
	15 - 17	8.7	6.4	5.6	5.6	2.1	1.0	.1	.7	.7	2.8	2.0	10.4	3.8	20
	18 - 20	8.1	4.1	3.4	5.3	2.3	.7	.0	.7	.0	1.2	2.7	12.2	3.4	14
	21 - 23	9.5	2.7	4.2	3.5	.9	.0	.0	.0	.0	.9	3.7	14.7	3.3	7
	ALL	10.0	6.5	5.0	4.7	2.0	.8	.0	.2	.5	1.7	3.4	14.9	4.1	20
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	8.0	2.4	1.7	2.0	.6	.0	.0	.0	.0	.0	1.9	13.8	2.5	7
	03 - 05	7.9	3.2	2.5	.7	.6	.2	.0	.0	.1	.1	2.1	12.8	2.5	14
	06 - 08	9.7	5.6	3.4	2.4	.5	.3	.0	.0	.1	.6	1.9	14.3	3.2	20
	09 - 11	10.0	6.1	3.0	2.2	.6	.1	.1	.0	.3	1.0	3.2	13.5	3.3	20
	12 - 14	8.1	4.9	2.5	2.3	.4	.1	.1	.0	.4	1.0	1.9	10.4	2.7	20
	15 - 17	6.5	2.9	3.1	3.1	.2	.6	.1	.2	.1	.8	.7	7.3	2.1	20
	18 - 20	5.8	1.6	2.6	2.4	.7	.0	.0	.4	.0	.1	1.4	7.4	1.9	14
	21 - 23	7.8	.7	2.4	2.0	.2	.0	.0	.0	.0	.0	2.4	10.3	2.1	7
	ALL	8.2	4.0	2.8	2.2	.5	.2	.0	.1	.2	.6	2.0	11.4	2.6	20
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	7.4	2.4	1.0	.9	.6	.0	.0	.0	.0	.0	1.3	9.8	1.9	7
	03 - 05	7.2	3.1	1.7	.3	.5	.2	.0	.0	.0	.1	1.8	10.5	2.1	14
	06 - 08	8.4	3.7	2.7	1.3	.4	.2	.0	.0	.1	.4	1.3	11.5	2.5	20
	09 - 11	8.4	4.1	2.0	1.3	.4	.0	.1	.0	.1	.6	2.3	10.9	2.5	20
	12 - 14	6.3	2.7	1.4	1.1	.3	.0	.1	.0	.2	.6	1.3	7.7	1.8	20
	15 - 17	5.2	2.4	1.5	1.1	.1	.0	.0	.0	.1	.3	.6	6.1	1.4	20
	18 - 20	5.0	.9	1.6	.8	.4	.0	.0	.0	.0	.0	.5	6.3	1.3	14
	21 - 23	6.3	.7	1.2	.6	.2	.0	.0	.0	.0	.0	1.4	8.4	1.6	7
	ALL	6.9	2.8	1.8	1.0	.3	.1	.0	.0	.1	.3	1.3	9.0	1.9	20
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.8	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.5	4.5	.8	7
	03 - 05	2.6	1.2	.3	.0	.0	.1	.0	.0	.0	.0	.6	6.3	.9	14
	06 - 08	3.7	1.5	.8	.0	.0	.0	.0	.0	.0	.3	.5	6.1	1.1	20
	09 - 11	3.5	1.3	.9	.0	.1	.0	.0	.0	.0	.1	.9	4.1	.9	20
	12 - 14	2.1	.4	.2	.1	.1	.0	.0	.0	.0	.1	.4	1.6	.4	20
	15 - 17	2.2	.5	.2	.3	.0	.0	.0	.0	.0	.0	.1	.7	.3	20
	18 - 20	2.4	.4	.3	.0	.1	.0	.0	.0	.0	.0	.3	1.1	.4	14
	21 - 23	2.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.9	.5	7
	ALL	2.8	.9	.4	.1	.1	.0	.0	.0	.0	.1	.5	3.4	.7	20

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @ SUMMARY OF THE DAY DATA SUPPLEMENTED FROM:

CLIMATOLOGICAL DATA (NCDC PUBLICATION) FOR UTAH (DUGWAY DATA: 1976-1984).

@@ HEATING/COOLING DEGREE DAY DATA DERIVED FROM DUGWAY HOURLY OBSERVATIONS, POR: 5101-6612.

AWS CLIMATIC BRIEF

Prepared by ETAC (NOV 1970)

WENDOVER AF AUX, UTAH

PERIOD: 1931-69B

WBAN # 24193

WMO # 72581

ELEVATION: 4250 ft STN LTRS: KERN

N 40 43 W 114 02

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				PRESSURE ALTITUDE (feet)	MEAN NUMBER OF DAYS												MEAN CLOUDS (TENTHS)
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED	RELATIVE HUMIDITY (%)		DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRECIP ≥ 0.01 in		PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (≤ 1/4 MILE)	TEMPERATURE (°F)							
												0400	1300										MAXIMUM		MINIMUM					
																							IV	V	VI	VII				
JAN	64	36	18	-13	0.3	0.2	2	2	NE	4	40	75	62	18	.10	4900	4	0	5	1	0	2	0	0	29	1	4			
FEB	66	42	24	-19	0.3	0.6	2	3	NE	5	40	73	56	23	.12	4900	5	#	3	#	#	1	0	0	24	#	5			
MAR	76	52	31	13	0.4	0.8	1	9	NW	6	47	63	43	25	.14	5000	4	0	#	#	#	0	0	0	19	0	2			
APR	88	62	41	19	0.5	0.9	#	3	NW	7	40	54	33	29	.16	4950	5	0	#	#	1	0	0	1	5	0	5			
MAY	95	73	50	29	0.7	0.9	#	#	NW	7	55	50	29	33	.19	4800	5	#	#	0	4	0	1	9	#	0	5			
JUN	105	82	58	31	0.5	1.3	#	#	ESE	7	47	47	27	37	.22	4600	5	#	0	0	8	0	7	19	#	0	3			
JUL	112	92	67	47	0.3	0.4	0	0	ESE	6	40	36	18	39	.24	4500	3	0	0	0	5	0	22	31	0	0	3			
AUG	104	90	65	42	0.4	0.5	0	0	ESE	6	55	38	21	40	.25	4500	3	0	0	0	6	0	18	30	0	0	3			
SEP	100	80	54	31	0.3	0.4	0	0	E	5	40	42	24	34	.20	4650	2	#	0	0	3	0	3	17	#	0	2			
OCT	86	64	42	23	0.5	0.9	#	2	E	5	40	61	38	34	.20	4700	3	#	#	#	1	0	0	2	3	0	4			
NOV	73	47	29	6	0.3	0.6	#	6	ENE	5	47	72	52	26	.14	4850	3	0	#	#	#	0	0	20	0	5				
DEC	65	38	22	-11	0.3	0.5	2	3	NE	4	40	77	64	22	.12	4850	4	0	3	#	#	2	0	0	29	#	6			
ANN	112	63	42	-19	4.8	1.3	7	9	ESE	5	55	57	39	30	.17	4800	46	#	11	1	26	5	51	109	129	1	4			
EYR	32	30	30	32	30	10	29	11	19	19	19	8	8	8	8	5	33	7	4	4	5	5	20	7	20	20	4			

REMARKS

(MAX WIND) refers to highest wind speed class interval.

¹MEANS AND EXTREMES from the 1969 NOAA/EDS Local Climatological Data Annual Summary.

²CALMS: ANNUAL % FREQUENCY = 19%.

³USSWO POR: AUG 42-NOV 49B (WBAN #24111)

NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	10	13	3	3	1	1	#	0	#	1	8	12	4	
	03-05	10	16	5	2	#	#	0	#	#	2	6	15	5	
	06-08	15	17	5	3	#	1	0	#	#	2	7	20	6	
	09-11	11	17	5	3	0	#	0	0	#	1	6	18	5	
	12-14	10	15	5	4	1	#	0	0	#	1	5	16	5	
	15-17	10	14	4	3	2	1	0	#	#	2	3	13	4	
	18-20	11	14	3	3	2	1	#	0	#	2	5	14	5	
	21-23	10	12	2	3	1	#	0	0	#	2	7	14	4	
	ALL HOURS	11	15	4	3	1	1	#	#	#	2	6	15	4	7
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	5	11	#	1	0	#	#	0	0	1	5	9	3	
	03-05	6	14	2	1	0	#	0	0	0	1	6	12	4	
	06-08	12	15	3	1	0	#	0	0	#	1	4	17	4	
	09-11	8	13	2	1	0	0	0	0	0	0	2	16	4	
	12-14	6	12	2	1	0	0	0	0	0	#	2	13	3	
	15-17	6	9	1	1	#	#	0	0	0	1	2	11	3	
	18-20	6	9	1	1	0	0	0	0	0	1	3	11	3	
	21-23	5	8	1	#	0	#	0	0	0	1	4	10	2	
	ALL HOURS	7	11	1	1	#	#	#	0	#	1	4	12	3	7
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	4	8	0	#	0	#	0	0	0	2	7	2		
	03-05	5	11	1	0	0	0	0	0	0	#	2	10	2	
	06-08	8	11	2	#	0	0	0	0	0	#	3	14	3	
	09-11	6	11	2	#	0	0	0	0	0	0	2	13	3	
	12-14	5	9	1	#	0	0	0	0	0	#	1	11	2	
	15-17	4	6	1	0	0	#	0	0	0	#	2	9	2	
	18-20	4	6	1	0	0	0	0	0	0	1	2	9	2	
	21-23	3	6	1	0	0	0	0	0	0	#	3	9	2	
	ALL HOURS	5	9	1	#	0	#	#	0	0	#	2	10	2	7
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	#	2	0	0	0	0	0	0	0	#	1	2	#	
	03-05	1	4	#	0	0	0	0	0	0	#	1	4	1	
	06-08	1	6	#	0	0	0	0	0	0	#	1	4	1	
	09-11	1	3	#	0	0	0	0	0	0	0	1	4	1	
	12-14	1	#	0	0	0	0	0	0	0	0	1	2	#	
	15-17	1	0	#	0	0	#	0	0	0	#	1	2	#	
	18-20	1	1	#	0	0	0	0	0	0	#	1	2	#	
	21-23	#	2	0	0	0	0	0	0	0	0	1	2	#	
	ALL HOURS	1	2	#	0	0	#	0	0	0	#	1	3	1	7

A W S CLIMATIC BRIEF October 1987	Station Name: BURLINGTON IAP VT											Field Elev: 334 ft			
	Latitude/Longitude: N48 28 W073 09											Station MSC: 726170			
	Hourly Obs POR: Jun 77 to May 87											Call Sign: KBTV			
	Summary of Day POR: Jan 48 to May 87											Supersedes: Mar 1982			
	LST - GMT -5											Supersedes:			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
XTRM MAX TEMP °F	63	62	80	91	93	95	99	99	92	85	75	65	99	39	
MEAN MAX TEMP °F	26	28	38	53	67	76	81	78	69	57	44	31	54	39	
MEAN TEMP °F	17	19	30	43	56	65	70	68	59	48	37	24	45	39	
MEAN MIN TEMP °F	-8	10	21	33	44	54	59	57	49	39	30	16	35	39	
XTRM MIN TEMP °F	-30	-30	-20	2	24	33	39	35	25	15	-2	-26	-30	39	
D/W TEMP > 85°F	0	0	0	#	1	5	9	5	1	#	0	0	21	39	
D/W TEMP > 80°F	0	0	#	#	4	11	19	14	4	#	0	0	52	39	
D/W TEMP < 32°F	30	27	27	15	3	0	0	0	1	9	19	28	159	39	
D/W TEMP < 0°F	10	8	2	0	0	0	0	0	0	0	#	4	24	39	
VPR PRESS (°Hg)	.06	.07	.11	.19	.29	.39	.47	.47	.36	.23	.16	.10	.20	10	
MEAN DEWPOINT °F	8	11	21	33	44	52	57	57	50	38	29	17	35	10	
99.95% WCPA Ft	1400	1050	1150	1100	900	900	750	700	800	1050	1100	1200	1050	10	
MEAN RH 07 LST %	73	75	76	73	74	75	75	80	83	78	75	74	76	10	
MEAN RH 13 LST %	64	61	60	54	52	54	51	56	59	60	64	66	58	10	
MAX 24HR PRECIP "	1.3	1.8	1.4	1.4	2.3	2.6	2.7	3.6	3.1	1.6	1.7	2.6	3.6	39	
MAX PRECIP "	4.7	5.4	3.6	6.6	6.3	7.7	6.1	11.5	6.3	6.2	6.9	6.0	11.5	39	
MEAN PRECIP "	1.9	1.8	2.2	2.8	3.1	3.5	3.6	3.9	3.2	2.8	3.1	2.5	34.4	39	
MIN PRECIP "	.5	.2	.4	.9	.3	1.1	1.2	.7	.9	.5	.6	.6	.2	39	
D/W PRECIP > .01"	14	11	13	12	13	13	12	13	12	12	14	15	154	39	
D/W PRECIP > .5"	1	1	1	2	2	2	2	3	2	2	2	1	21	39	
MAX 24HR SNFL "	15	13	13	13	4	0	0	0	#	5	10	17	17	39	
MAX SNFL "	42	34	33	21	4	0	0	0	#	5	19	57	57	39	
MEAN SNFL "	19	16	13	4	#	0	0	0	#	#	7	20	79	39	
D/W SNFL > .1"	14	10	9	3	#	0	0	0	0	#	5	13	54	39	
D/W SNFL > 1.5"	4	3	3	1	#	0	0	0	0	#	2	4	17	39	
MEAN WND DRCTN	S	S	S	S	S	S	S	S	S	S	S	S	S	10	
MEAN WND SPD Kts	8	7	8	8	8	8	7	7	7	7	9	9	8	10	
MAX WND SPD** Kts	44	45	49	45	62	45	50	51	40	39	45	45	62	12	
MEAN CLD CVR 10th	8	7	7	7	7	7	7	7	7	7	8	8	7	10	
D/W TSTORMS	#	0	#	1	3	5	6	5	2	1	#	#	23	39	
D/W FOG VSBY <7mi	8	7	10	10	9	9	9	12	12	11	11	10	118	39	
Legend: ANN - Annual YOR - Years of record POR - Period of record D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude # - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** - Instantaneous peak winds * - Data not available \$ - Percentage of <u>calm</u> winds > mean direction															
REMARKS: Hurricanes/tropical storms observed (1900-1985):															
						JUN	JUL	AUG	SEP	OCT	ANNUAL				
Within 60NM						0/0	0/0	0/0	0/0	0/0	0/0				
Within 120NM						0/0	0/1	0/1	1/0	0/0	1/2				
Within 240NM						0/1	1/2	1/5	1/2	0/1	3/11				

A W S CLIMATIC BRIEF		Station Name: BURLINGTON IAP VT										Field Elev: 334 ft				
		Latitude/Longitude: N48 28 W073 09										Station MSC: 726170				
		Hourly Obs PCR: Jun 77 to May 87										Call Sign: KBTV				
October 1987		Summary of Day PCR: Jan 48 to May 87														
		LST - GMT -5										Supersedes: Mar 1982				
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VSBY	00-02	31	25	24	19	14	10	8	10	13	18	28	35	20		
	03-05	32	29	26	21	16	14	11	16	14	22	29	35	22		
	06-08	30	25	30	22	21	15	12	18	20	26	30	35	24		
	09-11	30	23	25	23	18	15	10	19	18	25	31	34	23		
LESS THAN	12-14	29	20	23	19	13	10	6	13	12	20	27	29	18		
3000/3	15-17	27	19	18	16	10	9	7	9	10	14	25	27	16		
	18-20	28	20	20	17	10	7	6	7	11	15	24	29	16		
	21-23	29	23	22	17	12	8	6	8	10	14	28	32	17		
	00-24	30	23	24	19	14	11	8	13	14	19	28	32	20	10	
CIG/VSBY	00-02	13	11	12	10	7	5	4	6	7	11	10	14	9		
	03-05	15	13	14	11	9	8	6	10	9	12	12	14	11		
	06-08	17	12	17	11	12	8	6	12	12	13	13	15	12		
	09-11	19	12	16	10	8	6	4	8	8	11	15	16	11		
LESS THAN	12-14	17	10	12	7	6	3	3	5	4	9	12	14	9		
1500/3	15-17	16	10	10	5	5	4	3	3	4	6	11	13	8		
	18-20	14	9	10	4	4	3	3	2	5	5	10	14	7		
	21-23	12	9	10	6	7	3	2	3	5	7	11	16	8		
	00-24	15	11	13	8	7	5	4	6	7	9	12	15	9	10	
CIG/VSBY	00-02	10	7	10	7	6	3	3	3	5	8	8	10	7		
	03-05	10	8	11	8	7	6	4	7	6	9	9	10	8		
	06-08	11	7	13	8	9	6	4	7	8	10	10	10	9		
	09-11	15	9	12	7	5	3	2	3	5	9	11	10	8		
LESS THAN	12-14	13	7	8	4	4	1	1	2	3	6	9	10	6		
1000/2	15-17	12	7	7	2	3	1	2	1	3	3	9	9	5		
	18-20	8	6	7	2	3	2	1	2	4	3	7	8	4		
	21-23	9	7	8	4	4	1	1	2	3	4	8	11	5		
	00-24	11	7	10	5	5	3	2	3	5	7	9	10	6	10	
CIG/VSBY	00-02	#	1	1	1	1	1	#	1	1	2	#	#	1		
	03-05	1	1	1	1	1	2	1	1	1	2	1	1	1		
	06-08	1	2	2	1	2	1	1	1	2	3	1	1	2		
	09-11	1	1	1	#	#	0	0	0	0	1	1	#	#		
LESS THAN	12-14	1	1	#	0	#	0	0	0	0	#	1	1	#		
200/1/2	15-17	#	1	1	0	0	0	#	0	0	1	#	1	#		
	18-20	1	1	1	#	#	0	0	#	0	#	#	1	#		
	21-23	#	#	#	1	#	0	0	#	#	1	#	#	#		
	00-24	1	1	1	1	1	1	1	#	#	1	1	1	1	10	

04A
OTN LTNO:
MPC MD: 720027

A W S LIMITED CLIMATIC BRIEF	STATION NAME: FORT EUSTIS/FELKER AAF VA												FIELD ELEV: 12 FT	
	LATITUDE/LONGITUDE: 37 08 N 076 37 W												STATION MNC: 723087	
	HOURLY OBS FOR: OCT 81 - NOV 91												CALL SIGN: KFAF	
	SUMMARY OF DAY FOR: NOV 60-SEP 91 (PART TIME DATA, MAY 70 - SEP 91)												SUPERSEDES: APR 87	
MAY 92	HOURS SUMMARIZED: 0600 - 2200 LST												LST TO UTC: +05	
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	75	81	85	91	94	99	98	99	96	89	84	76	99	30
MEAN MAX TEMP (F)	46	49	58	67	75	83	86	85	79	69	61	50	67	30
MEAN TEMP (F)	39	42	50	59	67	75	79	78	72	62	53	43	60	30
MEAN MIN TEMP (F)	32	34	41	49	59	67	72	71	65	53	44	36	52	30
EXTRM MIN TEMP (F)	4	9	19	30	37	45	58	49	44	32	23	13	4	30
D/W TEMP GE 90 (F)	0	0	0	1	1	4	9	7	2	0	0	0	24	30
D/W TEMP GE 80 (F)	0	#	1	4	10	21	28	26	15	3	1	0	109	30
D/W TEMP LT 33 (F)	17	13	5	1	0	0	0	0	0	1	2	12	51	30
D/W TEMP LT 10 (F)	1	#	0	0	0	0	0	0	0	0	0	0	1	30
HEATING DEGREE DAYS	781	648	498	237	59	3	0	#	12	145	386	668	3437	52
COOLING DEGREE DAYS	#	#	8	33	132	311	438	409	240	52	8	#	1631	52
MEAN DEWPOINT TEMP (F)	27	32	37	44	56	64	69	68	62	52	43	34	50	10
MEAN WET BULB TEMP (F)	35	40	45	51	61	68	73	72	66	57	49	41	55	10
99.95% WCPA (FT)	650	700	750	700	450	350	300	300	350	400	600	600	550	10
MEAN REL HUM 07 LST(%)	68.4	72.1	71.9	73.3	79.2	78.8	79.6	83.0	80.3	77.1	77.1	70.2	76.0	10
MEAN REL HUM 13 LST(%)	55.6	57.5	54.8	52.5	60.4	59.4	62.3	64.0	60.8	57.3	57.4	58.9	58.4	10
MAX 24HR PRECIP (IN)	4.16	2.67	2.55	2.44	4.30	4.87	6.59	3.89	5.24	2.70	3.52	2.16	6.59	32
MAX PRECIP (IN)	8.29	6.73	7.43	5.64	9.77	9.51	12.77	8.88	12.19	9.16	6.24	5.92	63.33	32
MEAN PRECIP (IN)	3.39	3.31	3.81	2.71	4.06	4.18	5.41	4.09	4.53	2.94	2.60	3.41	44.08	32
MIN PRECIP (IN)	1.47	1.01	1.58	.51	.29	1.19	2.21	1.07	.80	.27	.23	.58	22.82	32
D/W PRECIP GE .01 (IN)	11	10	11	10	11	11	12	10	8	8	8	10	120	32
D/W PRECIP GT .50 (IN)	2	3	3	2	3	3	4	3	3	2	2	3	33	32
MAX 24HR SNFL (IN)	7.3	9.6	7.4	1.4	0	0	0	0	0	0	.4	3.9	9.6	32
MAX SNFL (IN)	17.3	9.9	7.4	2.0	0	0	0	0	0	0	.4	4.4	23.7	32
MEAN SNFL (IN)	3.7	3.0	1.5	#	0	0	0	0	0	0	#	.7	9.0	32
D/W SNFL GE .1 (IN)	2	2	1	#	0	0	0	0	0	0	#	1	6	32
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	0	1	4	32
MAX DLY SNO DEPTH (IN)	13	12	12	#	0	0	0	0	0	0	#	3	13	32
PRVING WND DIR (DEG)	\$35-01	\$35-01	\$32-34	\$32-34	\$17-19	20-22	\$20-22	\$20-22	\$02-04	\$32-34	\$35-01	\$35-01	\$20-22	10
MEAN WND SPD (KTS)	5	5	6	6	4	4	4	4	4	4	5	5	5	10
MAX WND SPD (KTS)	54	51	52	50	61	55	46	40	48	48	46	52	61	29
SKY COVER GT 5/10 (%)	54.4	64.9	58.1	54.0	58.8	51.0	57.1	54.5	49.7	47.2	51.7	60.2	55.1	10
D/W THUNDERSTORMS	1	1	2	2	5	6	8	7	2	1	1	1	37	32
D/W FOG (VSBY LT 7 MI)	11	10	11	10	13	13	14	15	15	14	11	11	148	32
LEGEND: ANN - ANNUAL D/W - MEAN NUMBER OF DAYS WITH # - BASED ON LESS THAN FULL MONTHS ** - INSTANTANEOUS PEAK WINDS * - DATA NOT AVAILABLE POR/YOR - PERIOD/YEARS OF RECORD WCPA - WORST CASE MAXIMUM PRESSURE ALTITUDE # - LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ - PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	22.5	26.4	24.1	18.7	25.0	13.4	17.2	18.4	19.5	24.7	27.6	22.5	21.7	10
	09 - 11	20.2	25.8	21.4	16.2	21.0	6.9	12.1	13.5	13.4	18.3	20.1	20.4	17.4	10
	12 - 14	18.2	23.1	17.5	15.3	14.6	4.7	7.3	8.9	11.1	13.8	16.2	18.9	14.1	10
	15 - 17	18.3	24.4	15.2	10.8	10.6	3.7	5.1	6.4	8.9	12.9	10.3	18.6	12.1	10
	18 - 20	18.1	23.9	17.9	10.7	10.8	6.1	5.8	6.3	8.4	12.0	11.7	15.8	12.3	10
	21 - 23	17.4	24.2	19.3	13.5	10.4	5.8	4.0	6.1	9.7	12.6	12.4	14.4	12.5	10
	ALL	19.2	24.7	19.3	14.2	15.7	6.8	8.9	10.1	12.0	15.9	16.6	18.9	15.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	18.0	20.5	18.6	14.0	19.1	11.0	12.1	14.0	16.0	19.1	24.6	17.4	17.0	10
	09 - 11	16.4	18.7	15.4	10.4	11.7	4.3	6.3	9.7	8.1	11.4	15.6	16.2	12.0	10
	12 - 14	15.9	16.3	11.9	6.1	4.4	1.1	3.8	4.1	4.5	9.9	9.0	14.1	8.4	10
	15 - 17	14.8	16.1	10.4	5.5	4.4	1.4	2.5	2.5	3.6	9.3	4.9	13.6	7.4	10
	18 - 20	16.1	16.7	14.3	6.6	6.7	3.9	2.3	3.4	5.0	8.5	6.5	12.0	8.5	10
	21 - 23	14.8	18.4	15.0	9.7	8.0	3.1	1.8	2.9	6.7	9.5	10.0	10.7	9.2	10
	ALL	16.1	17.8	14.2	8.7	9.1	4.2	5.0	6.3	7.3	11.4	11.9	14.4	10.4	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	12.6	17.0	13.9	10.0	13.5	7.3	5.1	8.2	10.7	14.7	17.9	14.6	12.1	10
	09 - 11	13.5	14.8	10.7	7.0	5.0	1.7	2.7	3.6	3.1	7.8	11.8	12.5	7.8	10
	12 - 14	11.5	12.8	8.6	2.8	2.5	.2	1.6	1.5	1.5	5.5	6.3	11.0	5.5	10
	15 - 17	13.0	13.0	7.4	2.8	1.7	.6	1.7	1.3	1.2	5.5	3.8	9.8	5.2	10
	18 - 20	13.5	11.9	8.9	4.2	2.8	1.6	.8	2.7	1.8	5.8	3.9	8.8	5.5	10
	21 - 23	14.0	14.2	11.4	5.7	4.5	1.5	.8	1.3	3.5	6.6	4.9	8.6	6.4	10
	ALL	13.0	14.0	10.1	5.4	5.1	2.2	2.2	3.2	3.6	7.7	8.3	11.2	7.0	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	2.1	3.3	3.0	1.7	.8	.2	.0	.6	1.5	3.4	5.6	3.5	2.1	10
	09 - 11	1.5	1.4	.3	.5	.0	.0	.0	.0	.3	.0	1.8	1.5	.6	10
	12 - 14	.5	.7	.2	.0	.0	.0	.0	.1	.0	.0	.0	.7	.2	10
	15 - 17	.8	.2	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	10
	18 - 20	2.4	.9	.3	1.4	.0	.0	.0	.0	.0	.0	.2	1.4	.5	10
	21 - 23	2.1	2.1	1.1	.7	.0	.0	.0	.0	.0	.0	1.1	1.4	.7	10
	ALL	1.5	1.4	.8	.7	.1	.1	.0	.1	.3	.6	1.5	1.4	.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/1	0/3	3/5	2/4	0/0	0/0	0/0	5/13
120NM	0/0	0/0	0/0	0/0	0/0	0/5	3/4	8/13	7/10	1/2	0/1	0/0	19/35
240NM	0/0	0/0	0/0	0/0	1/2	1/11	5/10	22/22	21/23	5/7	2/4	0/0	57/79

REMARKS : HEATING AND COOLING DEGREE DAY VALUES WERE TAKEN FROM CLIMATIC BRIEF FOR LANGLEY AFB (APR 90).

A W S	STATION NAME: LANGLEY AFB VA	FIELD ELEV: 11 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 37 05 N 076 21 W	STATION MSC: 745980
	HOURLY OBS POR: NOV 79 - OCT 89	CALL SIGN: KLF1
	SUMMARY OF DAY POR: OCT 36 - OCT 89	
	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: FEB 86
APR 90	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	78	81	90	95	97	102	103	105	99	95	85	78	105	54
MEAN MAX TEMP (F)	47	50	57	67	75	83	86	85	79	69	60	51	68	54
MEAN TEMP (F)	40	42	49	58	67	75	79	78	72	62	52	43	60	54
MEAN MIN TEMP (F)	32	33	40	49	59	67	71	71	65	54	43	35	52	54
EXTRM MIN TEMP (F)	-3	9	12	28	35	43	55	50	44	26	20	8	-3	54
D/W TEMP GE 90 (F)	0	0	#	1	1	6	10	7	2	1	0	0	28	54
D/W TEMP GE 80 (F)	0	#	1	4	11	20	27	25	14	3	1	0	106	54
D/W TEMP LT 33 (F)	17	13	6	1	0	0	0	0	0	#	4	13	54	54
D/W TEMP LT 10 (F)	1	#	0	0	0	0	0	0	0	0	0	#	1	54
HEATING DEGREE DAYS	781	648	498	237	59	3	0	#	12	145	386	668	3437	52
COOLING DEGREE DAYS	#	#	8	33	132	311	438	409	240	52	8	#	1631	52
MEAN DEWPOINT TEMP (F)	27	30	35	45	56	64	69	69	63	52	43	33	49	10
MEAN WET BULB TEMP (F)	34	37	43	51	61	68	72	72	67	57	48	39	54	10
99.95% WCPA (FT)	650	650	750	650	450	400	300	300	350	400	550	500	550	10
MEAN REL HUM 07 LST(%)	70.4	72.2	69.2	72.3	75.8	75.8	78.6	81.5	80.9	78.7	77.4	71.2	75.3	10
MEAN REL HUM 13 LST(%)	56.5	57.3	53.7	53.4	56.8	56.8	59.5	62.5	61.8	58.6	59.7	56.3	57.7	10
MAX 24HR PRECIP (IN)	2.65	2.32	2.99	3.07	4.43	5.63	3.57	4.88	6.51	3.93	4.66	2.61	6.51	51
MAX PRECIP (IN)	8.43	6.06	10.94	8.38	13.03	10.26	12.52	10.62	14.68	12.49	6.88	7.53	67.22	51
MEAN PRECIP (IN)	3.36	3.50	3.86	2.99	3.69	3.73	4.82	4.78	4.35	3.18	3.02	3.09	44.15	51
MIN PRECIP (IN)	.72	.31	.95	.46	.44	.36	1.23	.53	.16	.35	.29	.45	27.70	51
D/W PRECIP GE .01 (IN)	10	10	10	9	10	9	11	9	7	7	8	9	109	51
D/W PRECIP GT .50 (IN)	2	3	3	2	2	2	3	3	2	2	2	2	28	51
MAX 24HR SNFL (IN)	9.3	12.2	11.1	6.5	0	0	0	0	0	#	1.7	12.0	12.2	43
MAX SNFL (IN)	16.3	21.4	21.3	6.5	0	0	0	0	0	#	1.7	22.0	50.1	43
MEAN SNFL (IN)	3.3	3.4	1.6	.1	0	0	0	0	0	#	.1	1.3	9.6	43
D/W SNFL GE .1 (IN)	2	1	1	#	0	0	0	0	0	0	#	1	5	43
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	#	1	4	43
MAX DLY SNO DEPTH (IN)	13	13	19	#	0	0	0	0	0	0	#	13	19	43
PRVING WND DIR (DEG)	35-01	35-01	02-04	20-22	20-22	20-22	23-25	23-25	05-07	02-04	35-01	35-01	20-22	10
MEAN WND SPD (KTS)	7	7	8	8	6	6	6	5	5	6	6	7	6	10
MAX WND SPD (KTS)	61	58	66	67	59	56	50	68	61	83	58	57	83	43
SKY COVER GT 5/10 (%)	54.0	57.7	51.0	52.3	55.0	47.4	49.0	47.8	47.0	46.1	50.0	53.1	51.0	10
D/W THUNDERSTORMS	1	1	2	3	5	6	9	7	3	1	1	1	40	40
D/W FOG (VSBY LT 7 MI)	13	12	13	11	14	13	14	16	15	15	13	13	162	40

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	17.1	22.7	20.0	16.6	11.9	5.7	5.6	7.6	10.7	15.8	19.0	15.5	14.0	10
	03 - 05	19.4	23.6	22.3	16.2	17.5	9.0	9.7	10.1	14.2	18.6	22.0	18.4	16.7	10
	06 - 08	22.3	26.5	22.0	18.0	20.0	11.7	13.7	14.7	17.2	19.9	23.0	21.0	19.2	10
	09 - 11	21.3	22.9	19.9	17.3	16.6	8.9	10.8	11.6	13.7	14.8	18.9	19.7	16.4	10
	12 - 14	18.7	21.8	16.6	15.9	11.3	4.4	7.1	7.6	9.7	12.0	15.6	15.5	13.0	10
	15 - 17	18.4	20.4	14.9	12.1	9.0	3.0	6.5	5.7	8.7	11.7	11.7	17.5	11.6	10
	18 - 20	18.0	21.2	17.8	13.1	10.4	2.8	5.5	6.3	9.4	10.1	14.0	16.2	12.1	10
	21 - 23	18.3	22.0	18.5	14.2	10.5	4.1	4.8	6.5	11.3	13.9	15.9	13.8	12.8	10
	ALL	19.2	22.6	19.0	15.4	13.4	6.2	7.9	8.8	11.9	14.6	17.5	17.2	14.4	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	14.2	19.4	14.8	12.2	8.9	3.8	3.7	5.6	7.6	10.9	14.9	10.6	10.5	10
	03 - 05	6.1	20.8	18.2	12.4	12.4	6.7	7.1	7.3	9.1	14.0	17.4	3.2	12.9	10
	06 - 08	19.0	21.7	17.7	13.2	15.9	9.2	10.4	12.5	13.2	14.8	17.3	15.5	15.0	10
	09 - 11	18.5	17.4	15.7	12.0	11.1	4.4	5.4	6.5	8.2	9.0	14.9	14.7	11.5	10
	12 - 14	15.5	15.9	12.5	9.3	5.9	1.9	1.9	3.4	4.1	6.3	10.4	11.7	8.2	10
	15 - 17	13.5	16.4	10.6	6.9	5.1	1.2	3.4	3.3	5.3	7.7	8.3	11.8	7.8	10
	18 - 20	15.2	17.1	13.8	9.4	7.3	1.3	3.4	3.8	6.2	7.4	9.4	11.9	8.8	10
	21 - 23	15.1	17.7	13.4	11.2	7.2	2.3	2.5	3.9	7.3	9.5	11.1	10.2	9.3	10
	ALL	15.9	18.3	14.6	10.8	9.2	3.9	4.7	5.8	7.6	10.0	13.0	12.5	10.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	12.5	16.4	11.4	9.0	7.8	1.8	1.3	2.4	3.6	6.0	12.0	9.5	7.8	10
	03 - 05	13.5	18.3	13.9	8.3	9.4	2.9	2.7	3.3	4.4	10.0	14.0	11.2	9.3	10
	06 - 08	14.7	17.8	13.7	9.7	9.5	4.2	2.5	6.2	7.9	11.0	13.7	13.3	10.3	10
	09 - 11	15.3	14.4	11.3	9.8	6.6	1.4	.5	1.8	3.6	4.8	11.2	11.3	7.7	10
	12 - 14	12.0	13.2	9.6	6.2	2.5	.6	.2	1.6	1.1	3.7	7.0	9.6	5.6	10
	15 - 17	11.1	13.9	8.7	4.4	2.7	.0	.3	1.8	2.2	5.5	5.9	8.7	5.4	10
	18 - 20	12.3	12.8	11.1	6.7	5.2	.2	1.1	1.8	2.8	5.4	6.8	8.0	6.2	10
	21 - 23	12.7	15.2	10.3	8.2	6.0	.9	1.1	2.0	3.4	6.1	8.1	8.8	6.9	10
	ALL	13.0	15.2	11.2	7.8	6.2	1.5	1.2	2.6	3.6	6.6	9.8	10.0	7.4	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.0	2.4	1.7	1.6	.6	.3	.0	.1	.0	.9	2.6	1.2	1.1	10
	03 - 05	1.7	4.4	2.4	1.8	1.7	.2	.0	.5	.0	2.7	4.2	2.6	1.8	10
	06 - 08	1.9	4.8	2.9	1.7	.9	.0	.0	.2	.7	2.6	3.7	2.5	1.8	10
	09 - 11	1.8	2.4	.6	.7	.0	.0	.0	.0	.1	.1	1.6	.2	.6	10
	12 - 14	1.2	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.2	.1	.3	10
	15 - 17	1.0	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	10
	18 - 20	1.5	1.5	1.6	.7	.1	.0	.1	.0	.0	.1	.7	.8	.6	10
	21 - 23	1.5	1.9	1.7	1.1	.6	.0	.1	.0	.0	.4	.4	1.0	.7	10
	ALL	1.6	2.5	1.6	.9	.5	.1	.0	.1	.1	.8	1.7	1.0	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/1	0/3	3/5	2/4	0/0	0/0	5/13
120NM	0/0	0/5	3/4	9/12	8/11	1/2	0/1	21/35
240NM	1/2	1/11	5/10	22/23	21/23	5/7	2/4	57/80

REMARKS :

PREPARED BY USAFETAC 10/1/72 1975				STATION NAME LOCATION				PERIOD ELEV				STN LTRS NTU 11769 WMO NO 723070																			
AWS CLIMATIC BRIEF																															
M O N T H	TEMPERATURE (°F)			PRECIPITATION (IN)			SHOW FALL (IN)			RELATIVE HUMIDITY (%)			SURFACE WINDS			MEAN NUMBER OF DAYS OCCURRENCE OF			TEMPERATURE (°F)												
	MEAN			EXTREME			MONTHLY			MONTHLY			PULG DRECTN			PRECIP			SHOW FALL			FOG									
	DAILY	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX								
	MAX	MIN	THLY	MAX	MIN	THLY	MAX	MIN	THLY	MAX	MIN	THLY	MAX	MIN	THLY	MAX	MIN	THLY	MAX	MIN	THLY	MAX	MIN								
JAN	49	33	41	76	9	3.6	7.4	1.7	1.1	4	18	10	76	62	17	31	650	N	8	54	6	10	2	1	1	8	13	0	0	16	0
FEB	50	34	42	80	7	3.7	6.0	1.1	2.1	2	9	4	76	59	17	31	750	N	9	54	6	10	3	1	8	8	12	0	8	13	0
MAR	57	40	48	90	21	3.5	6.2	1.6	4.1	1	6	2	76	56	21	35	700	SW	9	63	6	11	2	1	8	2	13	8	1	6	0
APR	67	48	58	95	28	2.5	6.9	1.0	3.1	8	8	8	79	56	11	46	750	SW	9	58	6	10	1	0	0	3	14	4	4	8	0
MAY	74	57	66	95	35	3.5	6.9	1.1	3.2	0	0	0	83	58	44	55	500	SW	8	56	6	10	2	0	0	5	17	1	10	0	0
JUN	92	65	74	104	45	2.2	6.9	8	4.8	0	0	0	86	59	58	63	400	SW	7	71	6	8	2	0	0	5	18	0	0	0	0
JUL	83	70	78	103	51	5.1	10.7	0.9	3.0	0	0	0	87	63	69	68	350	SW	6	58	6	11	4	0	0	9	17	8	25	0	0
AUG	84	70	77	97	51	6.0	17.8	1.6	9.8	8	8	8	88	61	69	68	300	SSW	6	72	6	10	3	0	0	7	20	7	24	0	0
SEP	79	65	72	94	48	4.4	11.5	0.6	5.2	0	0	0	86	63	68	63	400	SW	7	78	5	8	2	0	0	3	18	2	14	0	0
OCT	70	54	62	95	28	4.1	10.0	0.8	6.0	0	0	0	82	60	40	53	500	SW	7	53	5	7	3	0	0	1	17	4	3	8	0
NOV	61	44	53	83	23	2.8	7.5	0.5	4.2	8	8	8	79	57	27	42	600	SW	7	54	5	8	2	0	0	1	15	0	8	3	0
DEC	52	36	44	78	10	3.1	5.1	0.6	2.1	1	12	9	75	60	20	34	600	SW	8	49	6	2	2	8	8	8	13	0	0	12	0
ANN	58	51	60	104	7	45.5	17.8	8	9.8	8	19	10	81	60	35	49	550	SW	8	78	6	11	28	1	1	36	186	23	99	50	0
BYR	25	25	22	77	22	22	72	21	22	22	21	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
REMARKS SOURCE: SPOS																															
DATA NOT AVAILABLE UNITS SHOWN IN HEADING MAX WIND SP CLASS 11 CALM GTR 1 PULG DRECTN																															
CAT FREQ (%)	MRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYR																
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 1 MI	00-02	23	24	20	18	18	17	12	16	20	23	20	19	19																	
	03-05	24	25	22	21	22	25	21	25	28	28	22	19	24																	
	06-08	30	29	26	24	25	26	26	30	34	34	28	24	29																	
	09-11	28	25	23	24	22	22	25	26	28	25	23	22	24																	
	12-14	25	24	21	21	20	20	21	25	26	24	20	21	23																	
	15-17	23	24	19	17	17	16	16	19	19	21	19	20	19																	
	18-20	21	24	18	15	15	15	13	16	16	22	18	19	19																	
	21-23	21	22	18	16	16	15	12	15	15	20	19	18	17																	
	ALL 11%	25	25	21	20	20	20	19	20	24	25	21	20	22	25																
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	19	19	14	15	14	13	8	12	13	17	14	15	14																	
	03-05	18	20	17	17	18	20	18	19	21	22	17	15	19																	
	06-08	24	23	21	20	20	22	20	25	28	27	22	20	23																	
	09-11	22	20	16	15	14	14	13	14	16	16	15	17	16																	
	12-14	18	17	13	12	11	10	7	9	13	14	12	14	13																	
	15-17	17	18	13	11	11	10	7	9	11	14	13	15	17																	
	18-20	16	19	13	11	12	11	8	11	11	15	11	13	13																	
	21-23	16	18	13	11	17	11	6	10	10	15	12	13	12																	
	ALL 11%	19	19	15	14	14	14	11	14	15	17	14	15	15	25																
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	14	15	11	11	11	8	5	7	9	13	10	12	11																	
	03-05	15	16	13	13	13	14	10	13	14	16	12	12	13																	
	06-08	18	19	16	14	14	13	12	14	18	19	15	15	16																	
	09-11	17	16	12	11	10	7	5	6	9	11	10	13	11																	
	12-14	14	13	10	8	7	5	3	4	7	9	8	11	8																	
	15-17	13	14	10	8	8	6	4	4	7	9	9	11	9																	
	18-20	12	15	10	9	8	7	4	6	7	10	8	10	9																	
	21-23	13	15	10	9	9	7	3	5	6	11	9	11	8																	
	ALL 11%	15	15	11	10	10	8	6	7	10	12	10	12	11	25																
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 4 MI	00-02	4	5	3	4	3	2	8	1	1	3	3	3	3																	
	03-05	4	4	2	4	4	2	2	3	3	5	5	4	4																	
	06-08	4	5	2	3	2	1	1	2	4	4	4	4	3																	
	09-11	2	3	1	1	8	8	0	0	8	8	1	1	1																	
	12-14	2	2	0	0	0	0	0	0	8	8	8	8	8																	
	15-17	1	2	1	1	8	8	8	8	8	1	8	1	1																	
	18-20	2	3	2	2	8	8	8	8	4	1	1	1	1																	
	21-23	3	4	2	3	2	1	0	0	8	2	3	3	2																	
	ALL 11%	3	3	2	2	1	1	8	1	1	2	2	2	2	25																

A W S CLIMATIC BRIEF APR 90	STATION NAME: FAIRCHILD AFB WA LATITUDE/LONGITUDE: 47 37 N 117 39 W HOURLY OBS POR: OCT 79 - SEP 89 SUMMARY OF DAY POR: APR 40 - JUL 42, NOV 43 - SEP 89 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +08												FIELD ELEV: 2462 FT STATION MSC: 727855 CALL SIGN: KSKA SUPERSEDES: SEP 85		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	59	62	70	88	93	97	104	104	97	84	68	58	104	49
	MEAN MAX TEMP (F)	31	38	46	56	65	72	82	80	71	58	41	33	56	49
	MEAN TEMP (F)	26	32	38	46	55	62	69	68	59	48	35	29	48	49
	MEAN MIN TEMP (F)	21	26	30	36	44	51	56	56	48	39	30	24	39	49
	EXTRM MIN TEMP (F)	-21	-18	-3	22	27	35	31	35	26	15	-12	-18	-21	49
	D/W TEMP GE 90 (F)	0	0	0	0	1	1	7	5	1	0	0	0	15	49
	D/W TEMP GE 80 (F)	0	0	0	1	2	7	19	17	6	1	0	0	53	49
	D/W TEMP LT 33 (F)	27	23	20	8	1	0	#	0	1	5	19	26	130	49
	D/W TEMP LT 10 (F)	5	1	1	0	0	0	0	0	0	0	1	2	10	49
	HEATING DEGREE DAYS	1192	915	822	563	333	144	36	44	193	518	877	1112	6749	45
	COOLING DEGREE DAYS	0	0	0	#	10	49	174	148	32	#	0	0	413	45
	MEAN DEWPOINT TEMP (F)	23	26	31	33	39	45	46	45	40	36	30	23	35	10
	MEAN WET BULB TEMP (F)	26	30	36	41	47	53	56	55	49	42	33	26	41	10
	99.95% WCPA (FT)	3050	3050	3000	2900	2800	2700	2650	2650	2800	2850	3100	3050	2900	10
	MEAN REL HUM 07 LST(%)	82.9	82.1	81.5	70.8	70.6	68.5	61.8	60.4	69.6	77.1	86.5	83.9	74.6	10
	MEAN REL HUM 13 LST(%)	78.2	72.0	61.1	47.8	46.8	44.9	36.2	33.3	40.5	52.3	77.4	80.3	55.8	10
	MAX 24HR PRECIP (IN)	.97	1.20	1.75	1.13	1.68	1.41	1.06	1.48	.90	.96	1.23	1.15	1.75	47
	MAX PRECIP (IN)	5.26	3.56	3.64	3.12	5.95	2.49	2.29	2.92	2.16	6.47	6.52	4.56	21.33	47
	MEAN PRECIP (IN)	2.03	1.46	1.44	1.04	1.29	1.04	.49	.68	.79	1.14	2.13	2.19	15.81	47
	MIN PRECIP (IN)	.41	.19	.12	.03	.13	.01	#	.00	#	#	.28	.56	9.97	47
	D/W PRECIP GE .01 (IN)	13	11	11	8	8	7	4	4	5	8	12	14	105	47
	D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	1	1	1	1	1	1	12	47
	MAX 24HR SNFL (IN)	7.8	8.8	5.4	2.7	1.3	#	#	0	#	4.8	8.0	10.8	10.8	43
	MAX SNFL (IN)	50.7	31.6	11.4	6.3	1.3	#	#	0	#	5.0	25.2	36.6	93.3	43
	MEAN SNFL (IN)	14.8	7.0	3.1	.6	.1	#	#	0	#	.4	6.3	13.8	46.0	43
	D/W SNFL GE .1 (IN)	10	6	4	1	#	0	0	0	0	1	4	9	35	43
	D/W SNFL GE 1.5 (IN)	4	2	1	#	0	0	0	0	0	#	1	4	12	43
	MAX DLY SNO DEPTH (IN)	41	45	11	3	0	0	0	0	0	5	15	28	45	43
	PRVLNG WND DIR (DEG)	\$05-07	\$05-07	20-22	20-22	20-22	20-22	\$20-22	\$20-22	\$20-22	\$05-07	20-22	\$02-04	\$20-22	10
	MEAN WND SPD (KTS)	5	6	6	6	5	5	4	4	5	4	6	5	5	10
	MAX WND SPD (KTS)	64	57	67	50	56	59	49	46	43	54	62	55	67	44
	SKY COVER GT 5/10 (%)	78.0	73.9	65.0	60.9	61.0	53.8	34.0	33.3	40.0	49.5	73.0	79.3	58.7	10
	D/W THUNDERSTORMS	0	#	1	1	1	3	2	2	1	1	#	0	12	40
	D/W FOG (VSBY LT 7 MI)	20	15	9	4	4	2	1	1	3	9	18	22	108	40
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	47.8	32.2	17.6	4.3	4.4	2.9	1.2	1.2	5.0	6.7	34.4	54.9	17.7	10
	03 - 05	49.9	38.8	23.2	6.2	10.6	5.1	2.2	1.8	6.0	10.1	41.7	59.4	21.2	10
	06 - 08	50.9	41.8	27.2	10.2	11.2	6.6	2.5	3.8	9.7	16.7	49.6	59.6	24.1	10
	09 - 11	47.1	40.3	26.6	10.2	12.2	6.8	2.7	3.2	6.4	13.4	44.3	55.4	22.4	10
	12 - 14	42.3	35.3	19.9	8.0	8.4	5.7	1.4	1.1	5.1	7.8	36.4	48.2	18.3	10
	15 - 17	38.2	26.4	11.3	4.7	4.2	3.3	.9	.4	3.3	4.0	31.1	47.1	14.6	10
	18 - 20	40.5	23.7	8.6	3.8	3.3	2.4	1.0	.2	2.7	2.9	27.6	50.0	13.9	10
	21 - 23	43.9	27.2	10.3	4.0	2.6	2.6	.8	.6	3.0	4.6	30.1	51.8	15.1	10
	ALL	45.1	33.2	18.1	6.4	7.1	4.4	1.6	1.5	5.2	8.3	36.9	53.3	18.4	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	41.6	25.9	12.8	2.9	3.9	2.5	1.2	.9	4.0	5.9	29.0	50.1	15.1	10
	03 - 05	43.9	31.4	19.4	5.4	8.8	4.0	1.9	1.4	5.3	8.9	38.0	53.8	18.5	10
	06 - 08	46.0	34.9	24.1	8.9	9.4	5.4	2.3	3.0	8.8	14.9	45.4	53.5	21.4	10
	09 - 11	41.9	32.4	19.7	4.8	8.0	3.8	1.2	2.0	4.6	11.0	39.0	50.6	18.2	10
	12 - 14	36.6	26.5	9.6	2.3	3.4	2.6	.3	.5	2.9	4.1	27.8	43.3	13.3	10
	15 - 17	32.6	17.3	6.0	1.7	1.8	1.7	.4	.1	2.6	1.8	22.8	41.9	10.9	10
	18 - 20	34.7	16.7	5.5	2.3	1.7	1.3	.8	.1	1.9	1.8	22.1	44.4	11.1	10
	21 - 23	38.7	21.2	8.6	2.6	1.8	1.8	.5	.5	2.0	4.2	25.7	47.2	12.9	10
	ALL	39.5	25.8	13.2	3.9	4.9	2.9	1.1	1.1	4.0	6.6	31.2	48.1	15.2	10
	CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	37.7	23.2	11.2	2.6	3.4	2.3	.5	.6	2.9	4.9	26.4	45.7	13.4
03 - 05		40.1	28.0	15.6	4.3	6.9	2.8	1.1	1.3	4.7	7.5	34.6	48.3	16.3	10
06 - 08		42.2	31.0	21.5	6.9	7.3	3.6	1.3	2.7	7.2	13.5	40.6	50.1	19.0	10
09 - 11		37.4	28.6	14.7	2.4	3.7	1.6	.2	1.0	3.2	8.8	32.9	45.5	15.0	10
12 - 14		29.8	19.6	6.1	1.0	1.5	.7	.0	.2	1.2	1.9	18.6	37.3	9.8	10
15 - 17		27.3	12.2	3.5	.4	.9	1.2	.0	.0	1.4	.9	15.9	34.8	8.2	10
18 - 20		31.4	12.7	4.6	1.2	1.2	.9	.1	.1	1.2	1.1	17.8	37.6	9.2	10
21 - 23		34.7	17.3	7.3	2.0	1.4	1.4	.2	.3	1.8	3.9	22.2	41.8	11.2	10
ALL		35.1	21.6	10.6	2.6	3.3	1.8	.4	.8	3.0	5.3	26.1	42.6	12.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI		00 - 02	12.2	6.9	2.4	.4	.1	.0	.0	.0	.7	2.3	8.1	15.3	4.0
	03 - 05	13.4	7.5	3.5	.6	1.2	.6	.0	.3	.9	3.1	11.1	17.7	5.0	10
	06 - 08	15.1	9.7	4.9	.9	.5	.2	.2	.4	1.4	6.0	12.2	15.5	5.6	10
	09 - 11	9.1	4.6	.6	.0	.0	.0	.0	.0	.1	2.2	6.0	10.4	2.7	10
	12 - 14	6.3	1.1	.1	.0	.1	.0	.0	.0	.1	.0	1.3	4.8	1.1	10
	15 - 17	5.5	.8	.1	.0	.2	.0	.0	.0	.0	.0	1.0	6.3	1.2	10
	18 - 20	7.8	2.2	.1	.0	.0	.0	.0	.0	.1	.0	2.7	8.3	1.8	10
	21 - 23	9.7	4.8	.5	.1	.0	.0	.0	.0	.2	1.2	5.3	11.9	2.8	10
	ALL	9.9	4.7	1.5	.2	.3	.1	.0	.1	.4	1.8	6.0	11.3	3.1	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS :

A W S CLIMATIC BRIEF October 1987		Station Name: FT LEWIS/GRAY AAF WA Latitude/Longitude: N47 05 W122 35 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: Apr 39 to Jul 40 LST - GMT -8 Jul 60 to Apr 87		Field Elev: 301 ft Station MSC: 742070 Call Sign: KGRF Supersedes: Jan 1983										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	62	71	72	84	96	94	97	99	92	86	71	64	99	28
MEAN MAX TEMP °F	44	49	52	57	63	69	74	74	68	59	50	45	59	28
MEAN TEMP °F	39	42	45	48	54	59	63	64	59	51	44	40	51	28
MEAN MIN TEMP °F	33	35	36	39	44	49	52	53	49	43	38	35	42	28
XTRM MIN TEMP °F	50	9	19	26	30	33	39	39	32	24	3	4	3	28
D/W TEMP > 80°F	0	0	0	#	1	4	8	7	2	#	0	0	22	28
D/W TEMP > 75°F	0	0	0	1	3	7	14	14	6	#	0	0	45	28
D/W TEMP < 32°F	14	10	9	4	1	0	0	0	#	2	7	12	59	28
D/W TEMP < 25°F	4	1	#	0	0	0	0	0	0	#	1	2	8	28
VPR PRESS ("Hg)	.20	.22	.23	.23	.27	.32	.36	.38	.35	.29	.22	.19	.27	10
MEAN DEWPOINT °F	34	37	38	38	42	47	50	51	49	44	37	33	42	10
99.95% WCPA Ft	1050	1150	1000	800	700	600	500	550	700	800	1050	1050	850	11
MEAN RH 07 LST %	85	87	85	82	78	77	78	80	86	88	85	83	83	10
MEAN RH 13 LST %	75	73	63	58	58	56	55	54	61	68	75	76	64	10
MAX 24HR PRECIP "	2.6	2.0	2.2	1.6	1.3	1.6	1.3	1.6	1.6	2.7	3.2	2.0	3.2	28
MAX PRECIP "	10.3	9.9	7.2	4.5	4.3	4.3	3.1	5.0	6.5	7.3	11.4	10.7	11.4	28
MEAN PRECIP "	5.8	4.5	3.9	2.8	1.8	1.7	.9	1.2	2.0	3.1	5.8	5.9	39.4	28
MIN PRECIP "	.3	1.4	.4	.4	.4	.1	#	#	#	.4	1.1	1.8	#	28
D/W PRECIP > .01"	19	17	17	14	11	8	5	6	9	13	19	20	158	28
D/W PRECIP > .5"	3	3	2	1	1	1	#	1	1	2	4	4	23	28
MAX 24HR SNFL "	9	5	7	#	#	0	0	0	0	#	5	8	9	27
MAX SNFL "	29	8	23	#	#	0	0	0	0	#	8	14	29	27
MEAN SNFL "	4	1	1	#	#	0	0	0	0	#	1	2	9	27
D/W SNFL > .1"	2	1	1	0	0	0	0	0	0	0	1	2	7	27
D/W SNFL > 1.5"	1	#	#	0	0	0	0	0	0	0	#	1	2	27
MEAN WND DRCTN	\$S	\$S	\$S	\$S	\$S	\$SSW	\$SSW	\$S	\$S	\$S	\$S	\$S	\$S	10
MEAN WND SPD Kts	3	4	3	4	4	3	3	3	3	3	4	3	3	10
MAX WND SPD** Kts	53	48	43	39	42	29	27	30	42	39	50	48	53	20
MEAN CLD CVR 10th	8	8	8	7	7	7	6	6	7	7	8	8	7	10
D/W TSTORMS	#	#	#	1	1	1	1	1	1	#	#	#	6	27
D/W FOG VSBY <7mi	19	17	13	10	7	6	6	10	15	19	17	20	159	27

Legend: ANN - Annual YOR - Years of record POR - Period of record
D/W - Mean number of days with... WCPA - "Worst case" (maximum) pressure altitude
@ - Based on less than full months # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
** - Instantaneous peak winds * - Percentage of calm winds > mean direction
- Data not available

REMARKS:

A W S CLIMATIC BRIEF		Station Name: FT LEWIS/GRAY AAF WA Latitude/Longitude: N47 05 W122 35 Hourly Obs POR: May 77 to Apr 87 Summary of Day POR: Apr 39 to Jul 40 LST - GMT -8 Jul 60 to Apr 87										Field Elev: 301 Station MSC: 742070 Call Sign: KGRF Supersedes: Jan 1983						
October 1987		PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR			
CIG/VSBY LESS THAN 3000/3	00-02	38	28	15	10	10	14	10	12	15	24	26	33	20				
	03-05	37	31	25	15	17	19	22	22	24	36	27	35	26				
	06-08	40	36	28	20	20	24	32	34	32	40	29	36	31				
	09-11	35	30	22	18	22	25	28	26	24	35	26	34	27				
	12-14	31	23	14	11	13	13	14	11	11	19	22	31	18				
	15-17	26	18	11	9	8	7	5	6	7	9	21	28	13				
	18-20	32	20	9	8	6	6	4	5	7	12	21	34	14				
	21-23	36	22	11	7	6	6	5	6	9	17	24	34	15				
	00-24	34	26	17	12	13	14	15	15	16	24	25	33	20	10			
CIG/VSBY LESS THAN 1500/3	00-02	29	18	8	2	1	4	4	4	7	18	18	24	11				
	03-05	29	21	16	6	5	7	11	11	16	29	19	24	16				
	06-08	29	25	19	11	8	10	19	23	21	34	21	25	20				
	09-11	26	18	11	6	5	7	10	13	14	27	17	23	15				
	12-14	21	11	3	2	2	2	2	3	3	10	12	21	8				
	15-17	16	8	3	1	1	1	1	1	1	4	10	17	5				
	18-20	22	10	3	1	2	2	1	1	2	6	12	21	7				
	21-23	26	13	4	1	1	2	2	2	4	11	15	24	9				
	00-24	25	16	8	4	3	4	6	7	9	17	16	22	11	10			
CIG/VSBY LESS THAN 1000/2	00-02	25	13	6	1	#	2	1	2	5	14	15	19	9				
	03-05	24	16	12	5	2	4	7	8	13	24	17	19	13				
	06-08	25	20	14	9	5	6	13	18	17	30	16	19	16				
	09-11	22	15	7	3	2	4	4	8	10	22	14	18	11				
	12-14	16	7	1	1	1	1	#	1	1	7	9	17	5				
	15-17	12	5	2	0	1	#	#	1	#	3	7	13	4				
	18-20	16	7	2	1	1	1	#	1	1	4	10	16	5				
	21-23	21	10	3	1	#	1	#	1	2	7	12	20	7				
	00-24	20	12	6	3	2	2	3	5	6	14	13	18	9	10			
CIG/VSBY LESS THAN 200/1/2	00-02	10	5	1	0	0	#	0	#	2	7	7	9	3				
	03-05	9	8	3	2	#	#	1	2	3	14	6	8	5				
	06-08	10	8	6	2	#	#	1	4	6	15	6	9	6				
	09-11	8	4	2	0	0	0	0	#	1	7	6	8	3				
	12-14	2	#	0	0	0	0	0	0	0	0	1	3	1				
	15-17	2	0	0	0	0	0	0	0	0	0	1	3	1				
	18-20	4	1	0	0	0	0	0	0	#	1	3	7	1				
	21-23	8	2	#	0	0	0	0	0	1	3	5	9	2				
	00-24	7	4	2	1	#	#	#	1	2	6	4	7	3	10			

[illegible]

PREPARED SEP 86 DL-A USAF/TAC/AMS/MAC				STATION NAME: MOSES LAKE/GRANT CO WA LOCATION: N 47 12 E 119 19								ELEVATION: 1145 FT STATION ID: HMLW GMT TO LST: -8 MSC # 727627															
A M S CLIMATIC BRIEF FOR LIMITED DUTY STATIONS				CAUTION: MEANS AND EXTREMES BELOW ARE ONLY FOR THE HOURS C600 - 2200 LST PERIOD OF RECORD: NOV 72 - OCT 85								THE AVAILABLE SUMMARY OF DAY DATA FOR THIS STATION WERE INSUFFICIENT FOR ANY "MEANINGFUL" SUMMARIZATION: THEY WERE THEREFORE SUPPLEMENTED BY DATA FROM OTHER SOURCES AND COMBINED BY A CLIMATOLOGIST.															
M O N T H	TEMPERATURES			RELATIVE HUMIDITY % LST	VAPOR PRESS (INS)	DEW PT (F)	PRESS ALT FEET	SURFACE WINDS			NO ING 1NG	CEIL- ING (F)	TEMPERATURES														
	DAILY MEAN	HIGH	LOW					PVLG DCTN	AVG KTS	EXT			MAX (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YRS
	(F)	(F)	(F)				99.950	16PT	KTS	KTS			MEAN (F)	65	64	75	93	97	103	106	113	100	89	71	61	113	42
													EXT MIN (F)	27	35	42	51	60	67	74	72	64	51	38	31	51	42
														-28	-28	6	18	24	32	36	36	25	15	-9	-15	-28	42
													PRECIPITATION														
													MAX 24-HOUR	1.0	.6	.7	.6	.9	1.4	.8	.8	.9	.7	.8	.7	1.4	42
													MAX MON (INS)	2.1	1.6	1.2	1.5	1.6	2.1	1.1	1.1	2.2	2.3	1.4	1.9	2.3	42
													MEAN (INS)	1.0	.7	.6	.5	.7	.6	.3	.4	.4	.6	1.0	1.2	7.7	42
													MIN MON (INS)	.4	#	#	0	#	#	#	#	#	#	.2	.1	0	42
													SNOWFALL														
													MAX 24-HOUR	1C	#	#	#	0	0	0	0	0	#	#	#	10	42
													MAX MON (INS)	22	12	7	#	0	0	0	0	0	2	16	26	26	42
													MEAN (INS)	7	2	1	#	0	0	0	0	0	4	2	6	18	42
													MIN MON (INS)	#	0	0	0	0	0	0	0	0	0	0	0	0	42
													PEAR -INC KTS	54	49	61	51	47	58	51	50	48	49	56	57	61	42
													DAYS WITH														
													THUNDERSTORMS	0	0	#	#	1	2	1	2	#	#	0	0	7	42
													FOG	17	13	3	#	#	1	#	1	3	12	15	78	42	
													MEAS. PRECIP.	3	6	6	5	5	5	2	3	4	5	7	4	55	42

REMARKS:

SYMBOLS: * DATA NOT AVAILABLE % PERCENT CALM > PREVAILING DIRECTION # AMOUNTS < UNITS SHOWN IN HEADING & SEE REMARKS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YEARS	
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00 - 05	52	34	4	2	3	2	#	1	3	4	29	42	15	10	
	06 - 08	48	34	9	3	4	3	1	1	3	5	29	40	15	10	
	09 - 11	46	30	8	2	4	3	1	1	2	4	28	37	14	10	
	12 - 14	44	24	5	2	3	1	1	#	2	2	22	33	17	10	
	15 - 17	45	23	3	1	2	1	#	#	1	1	19	35	11	10	
	18 - 23	45	23	4	1	3	#	0	0	0	2	21	38	11	10	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00 - 05	43	27	5	1	3	2	#	1	3	4	25	35	12	10	
	06 - 08	37	27	5	1	3	2	1	1	2	4	25	35	12	10	
	09 - 11	34	24	5	1	2	1	1	#	1	3	21	32	10	10	
	12 - 14	33	17	2	1	2	#	#	#	1	2	16	29	9	10	
	15 - 17	32	17	1	0	2	1	#	#	1	1	15	29	8	10	
	18 - 23	33	17	1	#	2	#	0	0	0	1	15	30	8	10	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00 - 05	34	22	4	1	2	2	3	#	3	3	22	30	10	10	
	06 - 08	30	21	4	1	2	1	1	1	1	4	21	29	10	10	
	09 - 11	27	16	3	#	2	1	#	#	1	2	17	29	8	10	
	12 - 14	24	11	1	#	2	C	#	0	0	1	13	24	6	10	
	15 - 17	23	10	1	0	1	#	0	0	0	1	11	24	6	10	
	18 - 23	26	11	1	#	2	0	0	0	0	1	11	24	6	10	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1 MI	00 - 05	12	10	1	C	0	0	0	0	1	2	9	10	4	10	
	06 - 08	9	6	#	0	0	0	0	0	0	1	5	7	2	10	
	09 - 11	4	2	0	0	0	0	0	0	0	0	1	6	1	10	
	12 - 14	4	1	0	0	1	0	0	0	0	0	2	5	1	10	
	15 - 17	6	2	0	C	1	0	0	0	0	0	2	8	2	10	
	18 - 23	8	3	0	0	0	0	0	0	0	0	2	9	2	10	

A W S CLIMATIC BRIEF May 1988	Station Name: SEATTLE/BOEING FLD WA		Field Elev: 17 ft											
	Latitude/Longitude: N47 32 W122 18		Station MSC: 727935											
	Hourly Obs POR: Jan 59 to Dec 64 Jan 73 to Dec 81		Call Sign: BFI											
	Summary of Day POR: See Rmks		Supersedes: See Rmks											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	66	70	70	84	93	94	96	100	93	86	74	66	100	15
MEAN MAX TEMP °F	46	50	53	59	65	70	76	74	70	61	51	47	60	15
MEAN TEMP °F	41	45	47	52	57	62	67	66	62	54	46	43	53	15
MEAN MIN TEMP °F	36	39	40	44	48	54	58	57	53	47	40	36	46	15
XTRM MIN TEMP °F	12	20	27	31	36	42	46	46	40	30	21	10	10	15
D/W TEMP > 80°F	0	0	0	#	2	4	10	7	3	#	0	0	26	15
D/W TEMP > 75°F	0	0	0	1	3	8	17	14	7	1	0	0	51	15
D/W TEMP < 40°F	20	15	14	5	1	0	0	0	0	2	13	18	88	15
D/W TEMP < 32°F	10	4	2	#	0	0	0	0	0	#	4	6	26	15
VPR PRESS "Hg	.18	.20	.21	.24	.29	.34	.39	.40	.38	.30	.23	.22	.28	9
MEAN DEWPOINT °F	32	35	36	39	44	48	52	53	51	45	38	37	43	9
99.95% WCPA Ft	750	800	650	500	400	250	250	300	400	550	650	750	550	9
MEAN RH 04 LST %	76	80	78	77	78	77	76	80	83	85	82	82	80	9
MEAN RH 13 LST %	68	66	59	53	54	53	51	57	58	65	70	73	61	9
MAX 24HR PRECIP "	2.2	2.6	2.3	1.8	0.9	0.9	0.7	1.0	1.8	1.1	2.3	1.6	2.6	18
MAX PRECIP "	11.6	8.6	7.0	3.5	4.6	3.3	1.8	2.0	3.5	6.8	8.5	8.2	11.6	18
MEAN PRECIP "	5.9	4.4	3.2	2.2	1.4	1.2	0.6	0.9	1.5	3.3	6.1	5.1	35.8	18
MIN PRECIP "	0.8	1.8	0.6	0.4	0.5	0.3	#	#	0.3	0.9	0.9	3.0	#	18
D/W PRECIP > .01"	20	16	17	14	11	9	5	7	3	15	19	20	161	18
D/W PRECIP > .5"	4	3	1	1	1	#	#	#	1	2	4	3	20	18
MAX 24HR SNFL "	8	6	3	#	0	0	0	0	0	0	5	5	8	18
MAX SNFL "	26	11	13	#	0	0	0	0	0	0	9	7	26	18
MEAN SNFL "	5	2	1	#	0	0	0	0	0	0	1	1	10	18
D/W SNFL > .1"	3	1	1	0	0	0	0	0	0	0	#	1	6	18
D/W SNFL > 1.5"	1	#	0	0	0	0	0	0	0	0	#	#	1	18
MEAN WND DRCTN	SSE	SSE	SSE	SSE	SSE	SSW	NNW	NNW	SSE	SSE	SSE	SSE	SSE	9
MEAN WND SPD Kts	6	7	7	7	7	7	6	6	6	6	6	7	6	9
MAX WND SPD** Kts	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN CLD CVR 10th	8	8	8	8	7	7	6	6	6	7	8	8	7	9
D/W TSTORMS	#	#	#	#	#	#	#	#	#	#	#	#	#	0
D/W FOG VSBY <7mi	16	13	9	8	7	6	5	11	14	18	18	19	144	0
Legend: ANN = Annual YOR = Years of record POR = Period of record D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude @ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** = Instantaneous peak winds * = Data not available * = Percentage of <u>calm</u> winds > mean direction														
This brief is a merger of data from two earlier briefs (Oct 79 and Oct 83) for Boeing Field. Data sources were: 1. RUSSWO, POR Jan 48 to Sep 65. 2. TDF 14 data, POR 1955 to 1964. 3. Climatology of the U.S. No. 40-45, Climatic Guide for Seattle, Washington, and adjacent Puget Sound area, POR 1950-1960. 4. Worldwide Airfield Summary, POR unknown. 5. USAFETAC DATSAV, POR Jul ?? to Dec 75. 6. Data from Seattle-Tacoma Airport Summary, POR 1921-1950. Note that for lack of summary of day data, temperature information was extracted from hourly observations.														

A W S CLIMATIC BRIEF		Station Name: SEATTLE/BOEING FLD WA		Field Elev: 17 ft											
		Latitude/Longitude: N47 32 W122 18		Station MSC: 727933											
		Hourly Obs POR: Jan 59 to Dec 64		Call Sign: BFI											
May 1988		Jan 73 to Dec 81													
		Summary of Day POR: See Rmks		Supersedes: See Rmks											
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	39	30	25	20	17	21	14	20	18	23	40	40	26	
	03-05	41	38	30	27	26	29	24	31	29	36	39	46	33	
	06-08	42	42	37	37	33	38	34	46	40	46	42	44	40	
	09-11	42	35	34	32	29	33	30	38	34	40	38	43	36	
LESS THAN	12-14	39	28	25	19	15	16	14	20	18	25	31	41	24	
3000/3	15-17	34	22	20	10	11	8	5	12	11	16	27	35	18	
	18-20	32	24	19	12	8	6	5	8	8	14	28	35	17	
	21-23	34	27	22	15	9	9	8	11	11	15	34	38	19	
	00-24	38	31	27	22	19	20	17	23	21	27	35	40	27	9
CIG/VSBY	00-02	21	10	5	6	5	4	4	8	8	13	20	19	10	
	03-05	24	17	9	8	9	11	10	19	17	24	22	21	16	
	06-08	25	17	12	14	12	15	20	28	26	33	25	20	21	
	09-11	24	14	10	6	8	6	11	15	16	24	22	19	15	
LESS THAN	12-14	20	10	5	3	3	2	3	5	5	10	13	17	8	
1500/3	15-17	17	8	3	1	3	2	1	4	3	5	11	14	6	
	18-20	15	6	4	2	2	2	1	3	3	4	11	13	6	
	21-23	16	8	3	3	1	2	1	3	4	7	14	17	7	
	00-24	20	11	6	5	5	6	6	11	10	15	17	18	11	9
CIG/VSBY	00-02	12	6	2	2	1	2	1	3	4	8	12	11	5	
	03-05	16	11	3	3	2	4	5	9	11	17	16	12	9	
	06-08	16	11	7	6	4	5	11	18	18	25	19	12	13	
	09-11	16	8	5	3	3	2	4	6	10	16	16	13	9	
LESS THAN	12-14	12	4	2	#	1	#	1	2	2	5	7	9	4	
1000/2	15-17	8	4	1	0	1	1	1	2	1	2	5	8	3	
	18-20	8	2	1	#	1	1	1	1	1	3	6	7	3	
	21-23	9	2	1	1	0	1	1	#	2	3	8	8	3	
	00-24	12	6	3	2	2	2	3	5	6	10	11	10	6	9
CIG/VSBY	00-02	3	2	0	#	0	0	0	#	1	3	5	3	1	
	03-05	4	3	1	1	0	0	0	#	2	6	7	5	2	
	06-08	5	4	2	1	0	0	0	#	4	8	10	4	3	
	09-11	4	2	1	0	0	0	0	0	#	2	4	3	1	
LESS THAN	12-14	0	0	0	0	#	0	0	0	0	#	#	1	#	
200/ 1/2	15-17	#	0	0	0	0	0	0	0	0	0	#	1	#	
	18-20	1	0	0	0	0	0	0	0	0	#	1	1	#	
	21-23	2	#	0	0	0	0	0	0	#	1	3	1	1	
	00-24	2	1	1	#	#	0	0	#	1	3	4	2	1	9

SEA
STW LTNG:
RMC NO: 727930

ANALYTICAL BRIEF															WHIDNEY I NAS/AFLT FIELD, WASHINGTON										PERIOD: 1945-70B										WBAN # 24255									
Prepared by ETAC (AUG 1971)															N 48 21 W 122 39										FIELD ELEVATION: 47 FT										STN LTGS: KMW									
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				MEAN NUMBER OF DAYS										TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)													
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	RELATIVE HUMIDITY (%)	1300	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	50-55%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	POD (< 7 MILES)	TEMPERATURE (°F)																				
																								MAXIMUM		MINIMUM																		
																								90	80	32	0																	
JAN	64	44	34	-1	2.3	0.9	3	4	SE	9	60	85	78	34	.20	950	17	1	3	1	#	#	8	0	0	11	#	8																
FEB	64	48	36	6	1.7	1.3	2	6	SE	8	58	86	74	37	.22	800	13	#	1	#	#	#	9	0	0	8	0	8																
MAR	72	50	37	16	1.5	0.9	2	5	SE	8	54	85	70	37	.22	750	14	#	1	1	#	#	6	0	0	7	0	8																
APR	72	54	41	28	1.3	0.9	#	#	N	8	53	84	67	40	.25	550	12	#	0	0	#	#	5	0	0	2	0	7																
MAY	82	59	46	32	1.1	1.3	#	#	WSW	7	47	85	67	45	.30	400	8	#	0	0	#	#	6	0	#	#	0	7																
JUN	85	63	50	37	0.9	2.3	0	0	WSW	6	39	88	69	49	.35	350	8	#	0	0	#	#	7	0	#	0	0	7																
JUL	86	65	52	42	0.6	1.0	0	0	WSW	6	44	89	70	51	.38	250	#	#	0	0	1	10	0	#	0	0	5																	
AUG	88	66	52	42	0.9	0.9	0	0	WSW	5	44	90	71	52	.39	250	7	#	0	0	1	13	0	#	0	0	6																	
SEP	87	64	49	34	1.2	2.1	0	0	N	5	51	90	73	50	.36	400	8	#	0	0	1	14	0	#	0	0	6																	
OCT	75	57	44	26	1.9	1.3	#	#	SE	6	61	89	75	46	.31	650	13	#	0	0	#	#	15	0	0	1	0	7																
NOV	68	51	39	9	2.3	1.5	#	1	SE	8	61	87	76	40	.25	800	16	1	#	0	#	#	11	0	0	6	0	8																
DEC	62	47	37	3	2.6	1.8	2	7	SE	9	58	86	79	37	.22	950	18	1	1	#	#	9	0	0	8	0	8																	
ANN	88	56	43	-1	18.3	2.3	9	7	SE	7	61	87	72	43	.28	650	139	3	6	2	3	113	#	#	43	#	7																	
EYR	25	22	22	25	22	25	22	22	22	25	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22																

REMARKS:

SNOS (NAVY) FOR: 4903-7012. RUSSMO FOR: 4508 B:812 (EXTREMES). NAVY LCD MAY 1968.

NOTE: *DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	41	30	27	18	13	19	16	19	25	28	36	40	26	
	03-05	41	33	32	23	24	28	30	33	36	37	38	42	33	
	06-08	44	39	38	32	29	33	38	40	40	42	39	45	38	
	09-11	43	36	35	26	24	26	27	28	30	31	32	40	32	
	12-14	41	29	24	16	13	14	13	14	18	21	27	38	22	
	15-17	39	27	18	11	8	8	6	7	11	18	29	41	19	
	18-20	37	28	18	10	7	7	6	8	13	20	29	36	18	
	21-23	38	30	20	12	9	11	9	11	17	24	33	37	21	
	ALL HOURS	40	33	27	19	16	18	18	20	24	28	33	39	26	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	21	14	10	6	5	9	11	12	17	18	22	19	14	
	03-05	21	17	12	10	10	15	21	22	25	26	22	20	18	
	06-08	24	18	15	12	13	17	25	28	29	29	22	22	21	
	09-11	21	17	13	8	9	11	15	16	20	19	19	20	16	
	12-14	19	13	7	5	4	5	4	6	11	10	14	17	10	
	15-17	19	11	4	2	1	2	2	2	5	8	13	23	8	
	18-20	17	11	5	2	1	2	1	2	6	10	14	17	7	
	21-23	19	12	6	2	3	4	4	5	10	14	18	19	10	
	ALL HOURS	20	14	9	6	6	8	10	12	15	17	18	19	13	22
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	11	7	4	2	3	5	9	10	12	13	14	10	8	
	03-05	11	8	6	5	6	9	18	19	19	20	14	12	12	
	06-08	12	9	7	6	7	12	19	22	24	21	13	11	14	
	09-11	10	8	5	3	5	6	9	11	14	12	10	10	9	
	12-14	8	5	2	1	2	2	2	2	6	5	7	8	4	
	15-17	9	5	2	1	1	1	1	1	3	4	6	11	4	
	18-20	8	4	2	1	1	1	0	1	4	5	7	8	4	
	21-23	10	3	2	1	2	3	3	4	7	9	11	9	5	
	ALL HOURS	10	6	4	2	3	5	8	9	11	11	10	9	7	22
CIG less than 200 feet and/or VSBY less than 1 mile	00-02	2	2	1	0	1	1	3	4	7	6	6	3	1	
	03-05	3	3	2	2	2	7	7	8	12	9	7	3	5	
	06-08	3	3	1	1	2	6	8	8	13	10	6	3	5	
	09-11	2	1	1	0	1	0	1	2	4	2	2	2	2	
	12-14	1	0	0	0	0	0	0	0	1	1	1	0	#	
	15-17	1	1	0	0	0	0	0	0	1	1	1	0	#	
	18-20	1	1	0	0	0	0	0	0	1	1	1	1	1	
	21-23	1	2	0	0	0	0	0	1	4	3	2	2	2	
	ALL HOURS	2	2	1	#	1	1	2	3	5	4	4	2	2	22

PREPARED BY USAPFETAC OCT 79			STATION NAME LOCATION			Yskimo Municipal Ardt. WA N46 34 W120 32			PERIOD ELEV			Varied 1052 FT			STN LTRS YRN WBAW NO 24243 WMO NO 727810																																								
AWS CLIMATIC BRIEF										MEAN																																													
M O N T H	TEMPERATURE (°F)					PRECIPITATION (IN)					SHOW FALL (IN)					RELATIVE HUMIDITY (%)					SURFACE WINDS					MEAN NUMBER OF DAYS OCCURRENCE OF																													
	DAILY			EXTREME		MONTHLY					MONTHLY					MONTHLY					PVLG DIRECTION					PRECIP (IN)					SHOW (IN)					FOG					TEMPERATURE (°F)														
	MEAN			MAX		MEAN					MAX					MEAN					MAX					MEAN					MAX					MEAN					MAX					MEAN					MAX				
	MAX	MIN	HOURLY	MAX	MIN	MEAN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX																		
JAN	36	19	28	68	-21	1.3	3.7	0.1	1.4	10	27	14	83	70	11	21	1800	W	5	38	8	2	2	1	3	0	9	0	9	0	29	3																							
FEB	46	25	36	69	-25	0.8	2.5	0	0.9	3	17	6	82	56	14	26	1700	W	6	42	7	6	2	2	1	8	0	8	0	0	24	1																							
MAR	55	29	42	80	-1	0.6	2.6	0	0.6	2	11	7	76	40	15	27	1700	W	7	42	7	6	1	1	8	0	1	0	1	22	8																								
APR	64	35	50	92	21	0.5	1.6	0	1.3	8	8	6	71	32	17	30	1600	WNW	8	40	6	4	1	0	0	8	1	8	1	13	0																								
MAY	73	43	58	98	25	0.6	2.8	0	0.8	8	8	6	69	30	22	37	1500	WNW	7	40	6	5	2	0	0	1	8	1	8	3	0																								
JUN	80	49	65	103	30	0.7	2.1	0	1.3	0	0	0	69	30	28	43	1450	WNW	7	41	5	5	2	0	0	2	1	5	15	8	0																								
JUL	88	53	71	108	34	0.2	0.3	0	0.7	0	0	0	68	24	31	46	1450	WNW	7	37	3	2	1	0	0	1	0	14	26	0	0																								
AUG	86	51	69	110	35	0.3	2.1	0	1.5	0	0	0	70	27	31	46	1350	WNW	6	29	3	3	0	0	0	1	0	11	24	0	0																								
SEP	78	44	61	100	26	0.3	1.0	0	0.8	0	0	0	76	31	27	42	1450	WNW	6	33	3	1	1	0	0	1	1	2	13	1	0																								
OCT	65	35	50	85	11	0.6	2.2	0	0.7	1	2	2	81	44	22	37	1550	WNW	6	34	6	6	2	0	0	4	2	0	1	10	0																								
NOV	49	28	38	72	-3	1.1	2.8	0	1.1	2	21	7	84	42	16	29	1800	W	5	39	7	1	1	1	8	0	5	0	0	21	8																								
DEC	38	24	31	67	-17	1.2	4.2	0.1	1.6	8	38	14	85	74	14	26	1800	W																																					

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OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GENERAL MITCHELL IAP, WI
 LOCATION: 4257N 8754W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 726400
 ELEVATION (FEET): 692
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: MKE
 LST = GMT-6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	56	65	82	90	92	102	98	102	95	88	73	62	102
MEAN DAILY MAX	1	27	31	42	54	65	76	81	78	71	58	46	32	55
MEAN	1	21	24	35	45	55	66	72	70	62	50	39	25	47
MEAN DAILY MIN	1	14	18	28	37	46	57	63	62	54	43	32	19	39
EXTREME MIN	1	-25	-13	-5	11	26	38	45	46	28	18	-4	-18	-25
# DAYS GE 90	1	0	0	0	#	#	2	5	3	1	0	0	0	11
# DAYS LE 32	1	29	25	20	7	1	0	0	0	#	3	15	27	128
# DAYS LE 0	1	5	2	#	0	0	0	0	0	0	0	#	3	11
2. PRECIPITATION (INCHES)														
MAXIMUM	2	4.0	3.1	6.9	7.3	5.8	8.3	7.7	7.1	9.4	6.4	4.7	4.3	*
MEAN	2	1.7	1.4	2.6	3.4	2.8	3.5	3.5	3.1	2.8	2.2	2.1	2.1	31.2
MINIMUM	2	0.3	0.1	0.3	1.3	0.9	0.9	1.0	0.5	#	0.2	0.6	0.3	*
MAX 24 HR	2	1.5	1.7	2.3	3.0	2.0	3.0	3.0	2.8	2.5	2.1	1.6	2.2	3.0
# DAYS W/PRECIP	1	20	17	17	17	15	13	12	12	12	13	17	20	185
# DAYS GE 0.5	2	1	1	1	2	2	2	2	2	2	1	1	1	18
3. SNOWFALL (INCHES)														
MEAN	2	14	10	10	2	#	0	0	0	0	#	3	11	50
MAXIMUM	2	34	42	27	16	#	0	0	0	0	4	16	28	*
MAX 24 HR	2	12	17	11	12	#	0	0	0	0	2	10	11	17
# DAYS W/SNOW	1	17	14	10	4	0	0	0	0	0	1	7	16	69
# DAYS GE 1.5	2	3	2	2	#	0	0	0	0	0	#	1	2	10
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	75	77	77	76	79	80	83	86	84	81	79	78	80
RH (14 LST)	1	65	64	61	57	58	57	58	61	60	59	64	67	61
VAPOR PRESS	1	.10	.11	.15	.21	.31	.44	.57	.56	.44	.28	.19	.12	.29
DEWPOINT	1	13	16	25	34	44	54	61	61	53	41	31	18	38
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	W	W	W	N	N	S	S	S	S	S	W	WNW	W
MEAN SPEED														
(PVLG DRCIN)	1	11	10	10	13	12	8	8	8	8	9	11	11	10
MEAN SPEED														
(ALL OBS)	1	11	10	11	11	9	9	8	8	9	10	10	10	10
MAX PEAK GUST	1	70	42	49	50	52	52	60	56	54	42	48	49	70
PRESSURE ALT	2	1450	1450	1450	1450	1200	1200	1050	1000	1100	1250	1400	1450	1450
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	5	5	4	4	4	5	6	6	5
DAYS TSTMS	1	#	#	2	4	5	7	7	7	4	2	1	#	40
DAYS FOG LT 7	1	14	13	15	12	12	11	11	15	14	13	14	14	158
DAYS BNBD LT 7	1	#	#	0	#	#	#	#	#	0	0	#	0	1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(GENERAL MITCHELL IAP,WI)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, JAN 85, PERIOD OF RECORD RANGING FROM 10-36 YRS.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	35	32	23	16	14	13	17	18	20	34	44	25
03-05 LST	37	39	35	26	19	16	16	23	21	24	37	43	28
06-08 LST	38	41	38	29	23	19	19	29	30	27	39	43	31
09-11 LST	36	38	38	29	23	20	18	25	27	30	39	43	30
12-14 LST	37	36	36	25	18	16	15	18	24	26	37	42	27
15-17 LST	35	33	34	22	16	12	12	16	20	23	35	40	25
18-20 LST	35	33	30	22	15	13	12	15	17	20	31	40	23
21-23 LST	36	33	30	23	14	11	10	14	16	19	32	41	23
ALL HOURS	36	36	34	25	18	15	14	20	21	24	36	42	27

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	22	21	16	12	10	10	14	13	13	20	27	17
03-05 LST	23	25	23	18	15	12	14	21	16	14	22	26	19
06-08 LST	24	28	27	21	19	15	16	26	24	17	25	29	23
09-11 LST	26	27	25	18	16	13	13	18	18	18	25	31	21
12-14 LST	24	24	21	14	13	10	10	13	13	15	21	27	17
15-17 LST	22	21	21	13	13	9	9	12	11	14	21	24	16
18-20 LST	22	22	20	14	13	9	9	12	12	12	18	22	15
21-23 LST	24	20	20	15	11	9	8	11	12	12	19	23	15
ALL HOURS	24	24	22	16	14	11	11	16	15	14	21	26	18

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	14	15	12	9	7	6	8	9	9	13	17	11
03-05 LST	15	17	16	14	11	8	9	14	11	9	15	17	13
06-08 LST	15	20	19	16	14	9	9	16	12	10	17	22	15
09-11 LST	16	19	15	13	11	9	6	10	9	10	16	22	13
12-14 LST	15	15	14	10	9	6	4	7	6	8	13	19	11
15-17 LST	14	15	14	10	9	5	4	6	6	8	12	16	10
18-20 LST	15	14	14	10	9	6	4	7	7	8	11	14	10
21-23 LST	16	13	13	11	9	6	4	6	7	9	12	15	10
ALL HOURS	16	16	15	12	10	7	6	9	8	9	14	18	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	5	3	4	2	1	2	2	2	3	3	3
03-05 LST	2	4	6	4	6	2	2	3	2	2	3	3	3
06-08 LST	3	5	6	5	6	3	2	2	3	3	3	4	4
09-11 LST	3	4	4	3	3	1	1	1	#	2	2	5	2
12-14 LST	3	4	4	2	2	1	#	#	#	2	2	4	2
15-17 LST	3	3	4	3	3	1	#	#	#	2	2	2	2
18-20 LST	3	2	4	3	5	2	#	#	1	2	2	2	2
21-23 LST	2	2	4	2	4	2	1	1	1	2	2	3	2
ALL HOURS	3	3	5	3	4	2	1	1	1	2	2	3	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GENERAL MITCHELL IAP, WI
 LOCATION: 4257N 8754W
 PREPARED BY: USAFETAC/DOC, AUG 1992

STATION #: 726400
 ELEVATION (FEET): 692
 PERIOD: 7301-9012 (SOURCE #1)

ICAO: MKE
 LST = GMT-6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	1	3	2	2	2	#	#	#	1
03-05 LST	#	#	#	1	1	2	2	2	2	1	0	#	1
06-08 LST	0	#	1	1	1	1	1	2	1	#	#	#	1
09-11 LST	0	0	#	#	#	1	#	1	1	#	#	#	#
12-14 LST	0	#	#	1	1	1	1	1	1	#	#	#	1
15-17 LST	0	#	#	1	1	2	2	1	1	#	#	#	1
18-20 LST	#	#	#	1	1	2	2	2	1	1	0	#	1
21-23 LST	#	#	1	1	1	3	1	2	2	1	#	#	1
ALL HOURS	#	#	1	1	1	2	1	2	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	10	12	10	7	5	6	7	9	11	7	8
03-05 LST	3	4	9	10	9	7	6	7	9	10	12	7	8
06-08 LST	3	5	9	12	10	7	6	7	8	9	12	8	8
09-11 LST	3	4	8	11	7	6	5	7	7	8	10	6	7
12-14 LST	3	2	8	11	9	5	4	6	8	8	9	6	7
15-17 LST	3	3	8	11	12	6	5	6	7	9	10	6	7
18-20 LST	5	4	8	14	11	6	6	5	5	10	11	6	8
21-23 LST	5	4	9	12	10	6	5	6	7	10	11	7	8
ALL HOURS	4	4	9	12	10	6	5	6	7	9	11	7	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	18	9	4	#	0	0	0	0	#	6	18	6
03-05 LST	17	21	9	4	#	0	0	0	0	#	7	18	6
06-08 LST	17	19	9	3	#	0	0	0	#	1	6	17	6
09-11 LST	16	17	8	3	#	0	0	0	0	#	6	15	5
12-14 LST	15	15	8	3	0	0	0	0	0	#	5	14	5
15-17 LST	15	14	8	3	#	0	0	0	0	1	5	11	5
18-20 LST	18	16	9	3	#	0	0	0	0	1	6	13	5
21-23 LST	20	16	9	3	#	#	0	0	#	1	6	16	6
ALL HOURS	17	17	9	3	#	#	0	0	#	1	6	15	6

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	5	4	3	1	#	#	1	3	5	5	3
03-05 LST	5	3	4	5	3	1	1	#	1	3	5	5	3
06-08 LST	5	4	4	6	4	2	1	#	1	4	5	4	3
09-11 LST	8	6	9	11	7	5	2	2	2	9	8	8	6
12-14 LST	8	8	11	14	10	7	4	2	4	10	10	7	8
15-17 LST	7	7	12	12	10	6	4	1	3	7	7	5	7
18-20 LST	6	5	7	6	5	2	1	#	1	4	6	6	4
21-23 LST	6	4	6	5	3	1	#	1	1	4	5	6	3
ALL HOURS	6	5	7	8	5	3	2	1	2	5	7	6	5

(GENERAL MITCHELL IAP, WI)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, HOURLY OBSERVATIONS.
2. AWS CLIMATIC BRIEF, JAN 85, PERIOD OF RECORD RANGING FROM 10-36 YRS.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	13	14	11	9	7	6	7	8	7	11	15	10
03-05 LST	13	15	15	12	11	7	8	13	10	8	13	15	12
06-08 LST	13	17	17	15	13	9	9	15	11	9	15	19	13
09-11 LST	14	17	14	12	10	8	6	8	7	8	15	20	12
12-14 LST	14	13	13	10	8	6	3	6	5	7	11	17	9
15-17 LST	13	13	13	9	8	5	4	5	5	7	10	14	9
18-20 LST	13	12	13	9	9	5	4	6	6	7	9	11	9
21-23 LST	14	12	12	10	8	6	4	6	6	7	10	13	9
ALL HOURS	13	14	14	11	10	7	5	8	7	8	12	16	10

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	9	11	9	7	5	4	5	5	5	7	10	7
03-05 LST	9	11	11	9	9	6	6	8	6	5	8	9	8
06-08 LST	9	12	12	11	10	7	6	10	7	6	10	12	9
09-11 LST	10	12	11	8	7	5	4	4	3	5	9	14	8
12-14 LST	10	10	10	6	6	4	2	3	2	4	7	12	6
15-17 LST	9	9	9	7	7	3	2	2	3	5	6	9	6
18-20 LST	9	8	9	6	8	4	3	4	4	4	6	7	6
21-23 LST	10	8	9	8	6	4	3	4	4	5	6	8	6
ALL HOURS	9	10	10	8	7	5	4	5	4	5	7	10	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	8	6	5	3	2	4	3	3	5	6	5
03-05 LST	6	8	8	6	7	4	4	4	4	3	4	6	5
06-08 LST	6	9	9	8	8	4	3	5	5	4	6	8	6
09-11 LST	7	8	8	5	5	3	2	2	1	3	6	9	5
12-14 LST	7	7	7	4	3	2	1	2	1	3	4	7	4
15-17 LST	6	6	7	5	5	3	1	1	1	3	4	6	4
18-20 LST	6	5	7	5	6	3	1	2	2	3	4	4	4
21-23 LST	5	5	7	5	5	3	1	2	2	3	4	5	4
ALL HOURS	6	7	8	5	5	3	2	3	2	3	4	6	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	2	3	2	1	1	1	1	2	2	2
03-05 LST	1	2	3	3	4	2	1	2	1	2	2	1	2
06-08 LST	1	3	4	3	3	2	1	1	2	2	2	2	2
09-11 LST	2	2	2	2	1	1	#	#	#	2	1	2	1
12-14 LST	1	1	2	1	1	#	#	#	#	1	1	2	1
15-17 LST	1	1	2	1	2	#	#	#	#	1	1	1	1
18-20 LST	1	1	2	2	3	1	#	#	#	1	1	1	1
21-23 LST	#	1	3	1	2	1	#	#	1	2	1	2	1
ALL HOURS	1	2	3	2	2	1	1	1	1	1	1	2	1

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 ATC/DOTW, 244 F Street East, Suite #3, Randolph AFB, TX 78150-4325 1
 PACAF/DOW, Bldg 1102, Hickam AFB, HI 96853-5000 1
 Det 1, HQ PACAF, COMNAVMAR, PSC 489, Box 20, FPO AP 96540-0051 1
 11OPG/WE, 6900 9th Ste 205, Elmendorf AFB, AK 99506-5000 1
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 24WS, Unit 0640, APO AA 34001-5000 1
 9COS/AOSW, Bldg 1130, Shaw Dr., Shaw AFB, SC 29152-5410 1
 12AOG/AOSW, E Ave., Bldg 2900, Bergstrom AFB, TX 78743-5000 1
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 USCENTCOM/CCJ3-W, MacDill AFB, FL 33608-7001 1

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 30300-5000 1
 OL-A, 5WS, AFZJ/SWO, Ft Irwin, CA 92310-3000
 CC/AZSB-GTFD(AH-64CSM-ATTAC), Ft Campbell,
 KY 42223-5000 1
 JSOC/Weather, P.O. Box 70239, Ft Bragg, NC
 28307-5000 1
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 USAFE/DOW, Unit 3050, Box 15, APO AE
 09094-5000 1
 17AF/DOW, Unit 4065, APO AE 09136-5000 . 1
 Det 1, 86WS (USAFE), Unit # 7890, European
 Forecast Unit, APO AE 09126-7890 1
 HQ USEUCOM ECJ3, Unit 30400, Box 1000, APO
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 7WS, CINCUSAREUR/AREAWX, APO AE 09403-
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 Meteorology, Code 63, Monterey, CA 93943-5000
 Naval Eastern Oceanography Ctr (Clim Section),
 U117 McCady Bldg, Norfolk NAS, Norfolk, VA
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 Roger Helvey, Point Mugu, CA 93042-5001 ... 1
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